

BEST AVAILABLE COPY

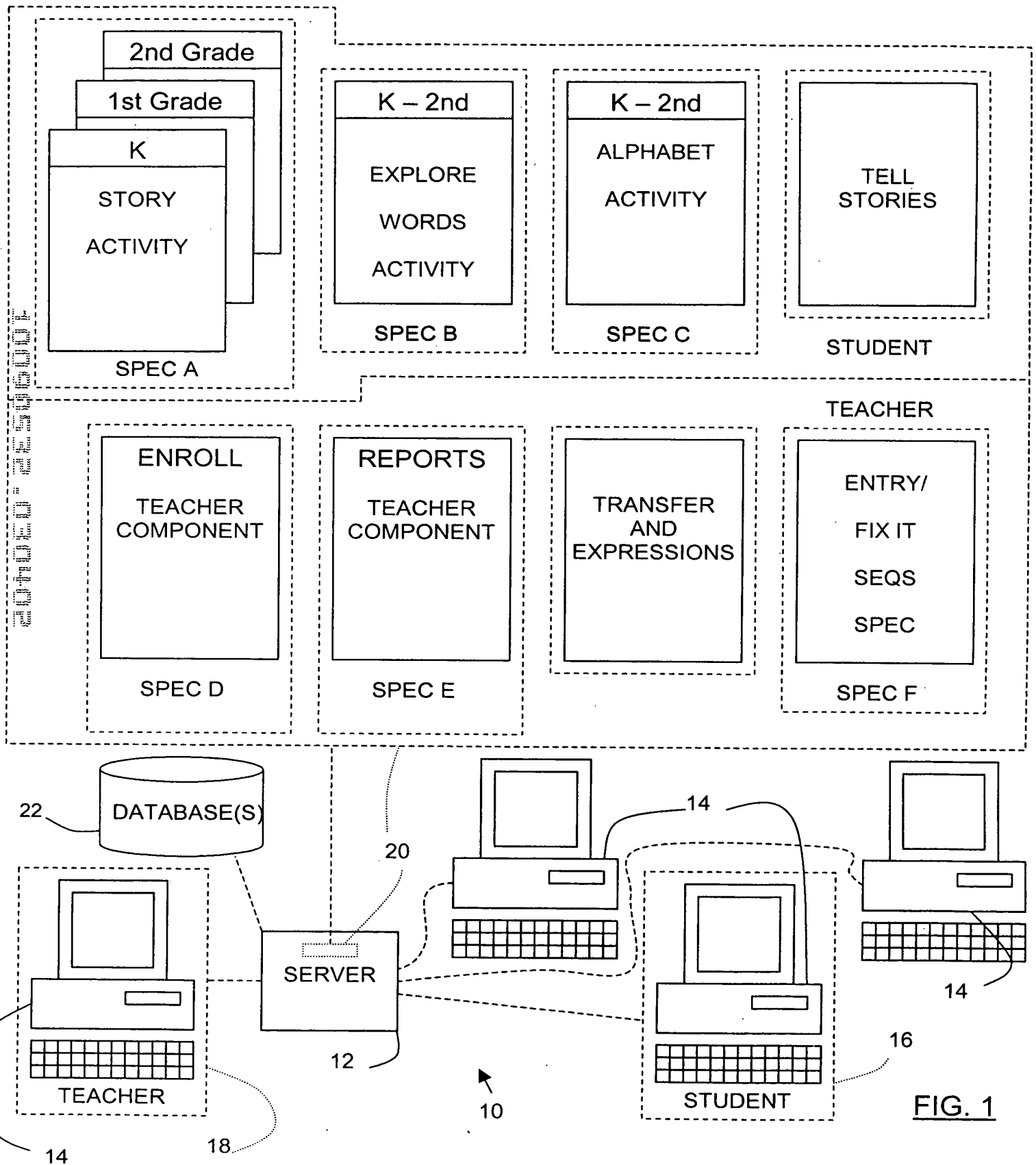


Figure 2.1

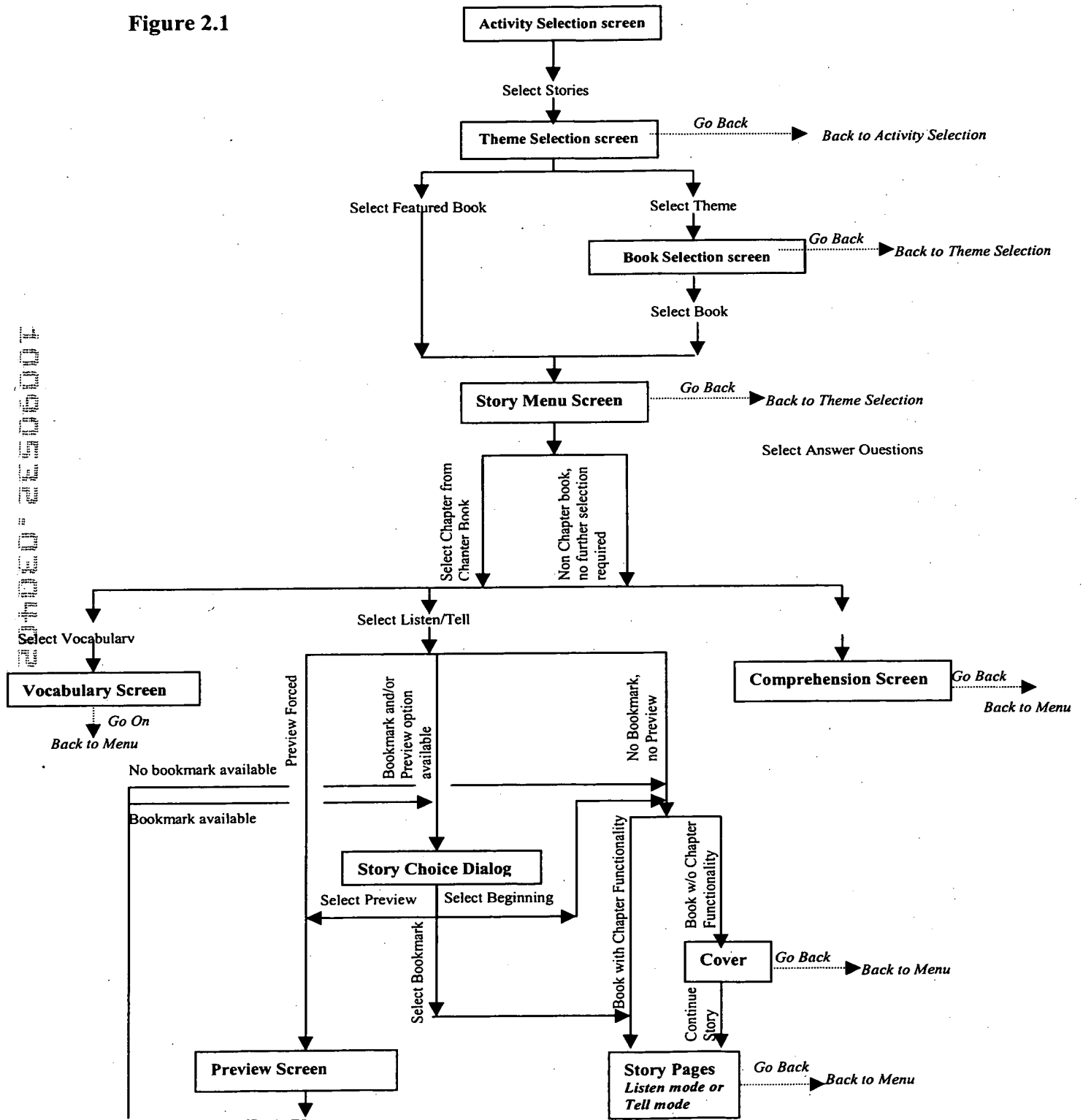


Figure 2.2

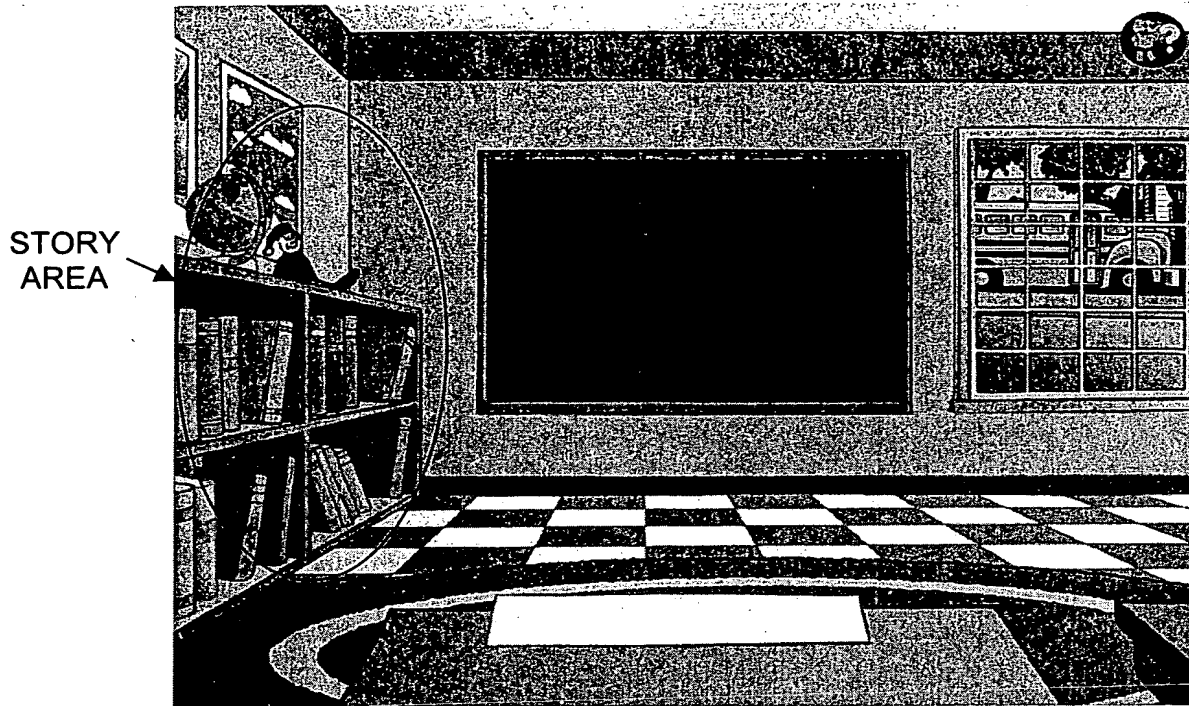


Figure 2.3

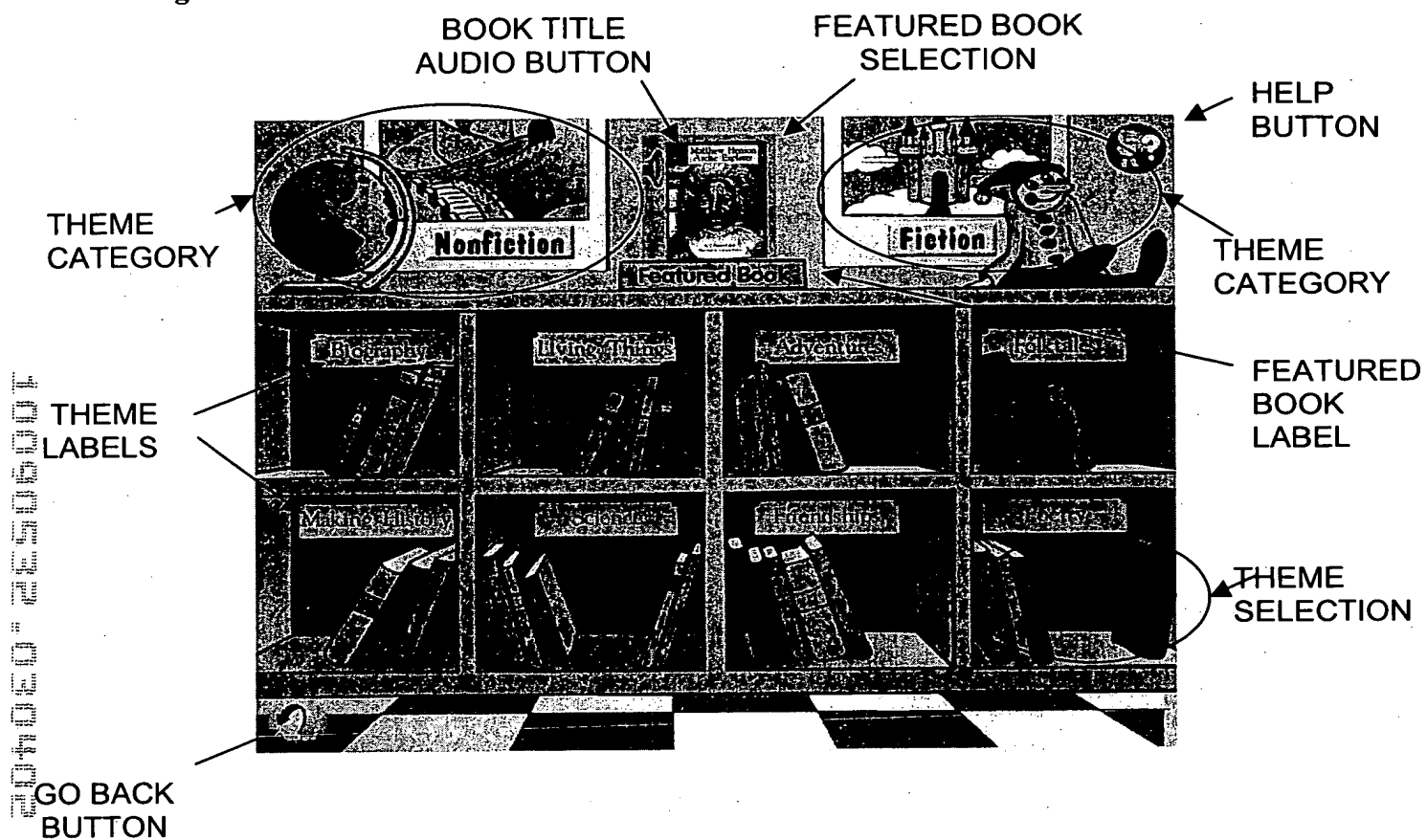


Figure 2.4

FEATURED BOOK

HELP
BUTTON

FEATURED
BOOK
LABEL

SCROLL
BUTTON

THEME
LABEL

BOOK TITLE
AUDIO BUTTON

BOOK
SELECTION

GO BACK
BUTTON

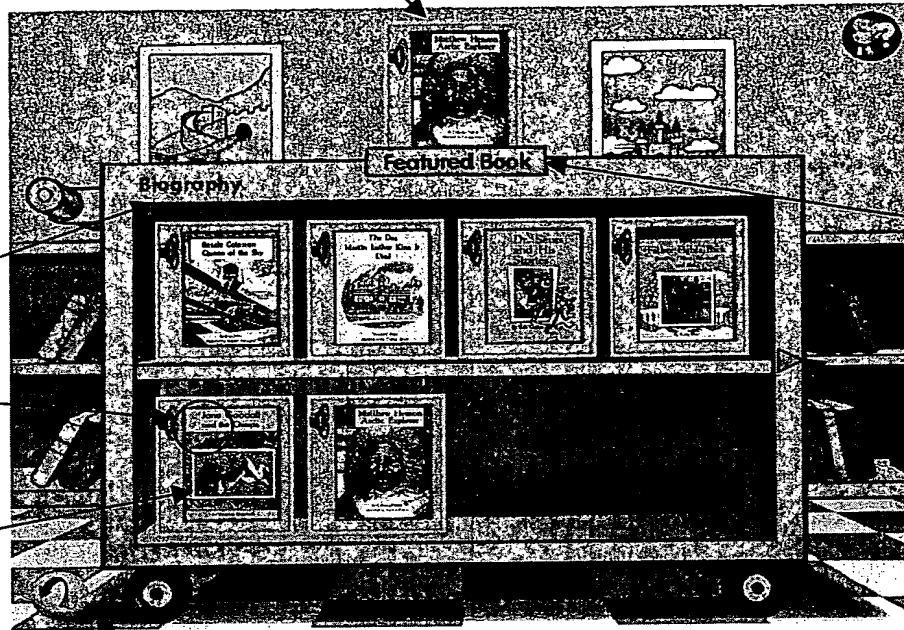


Figure 2.5

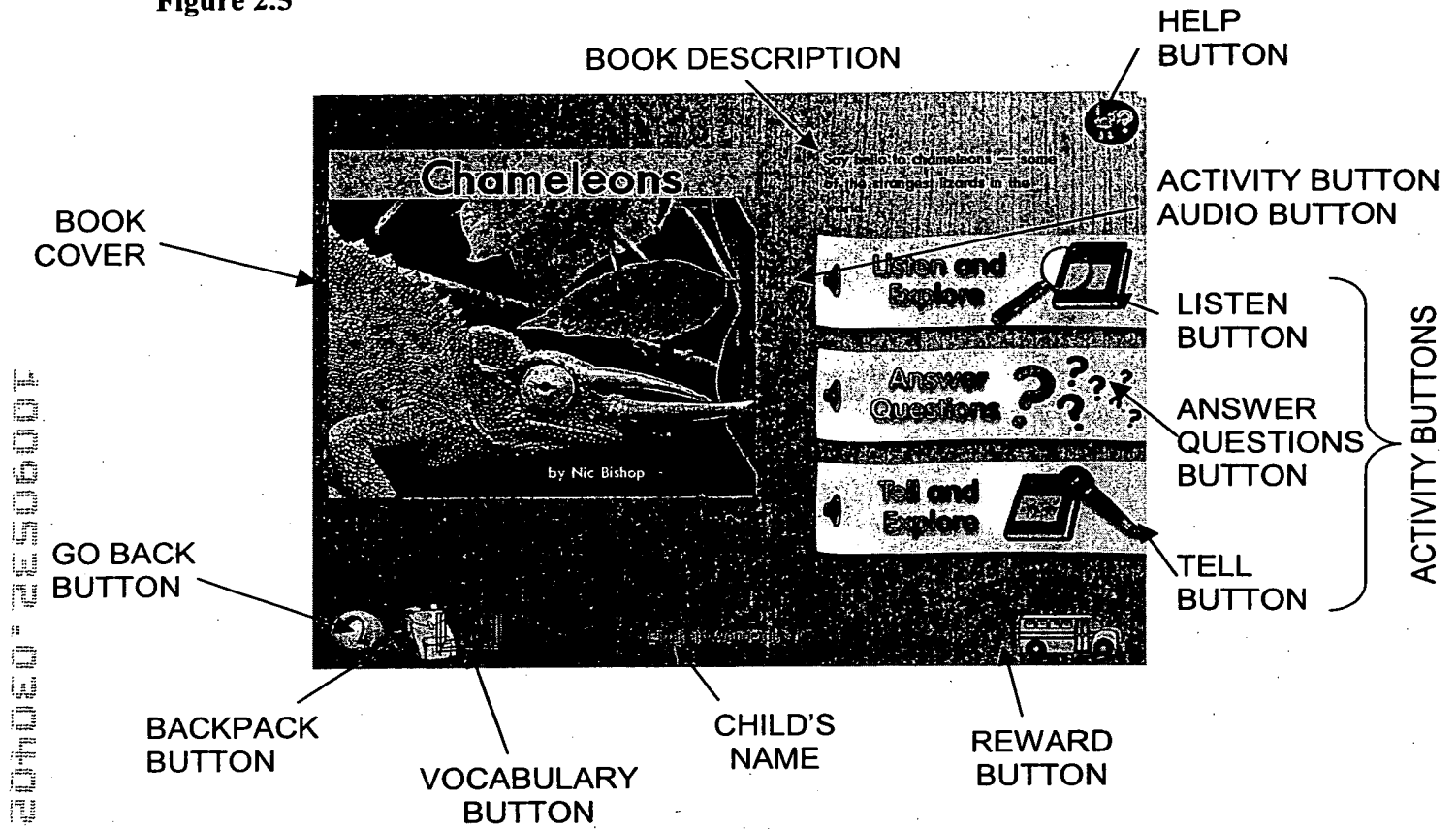


Figure 2.6

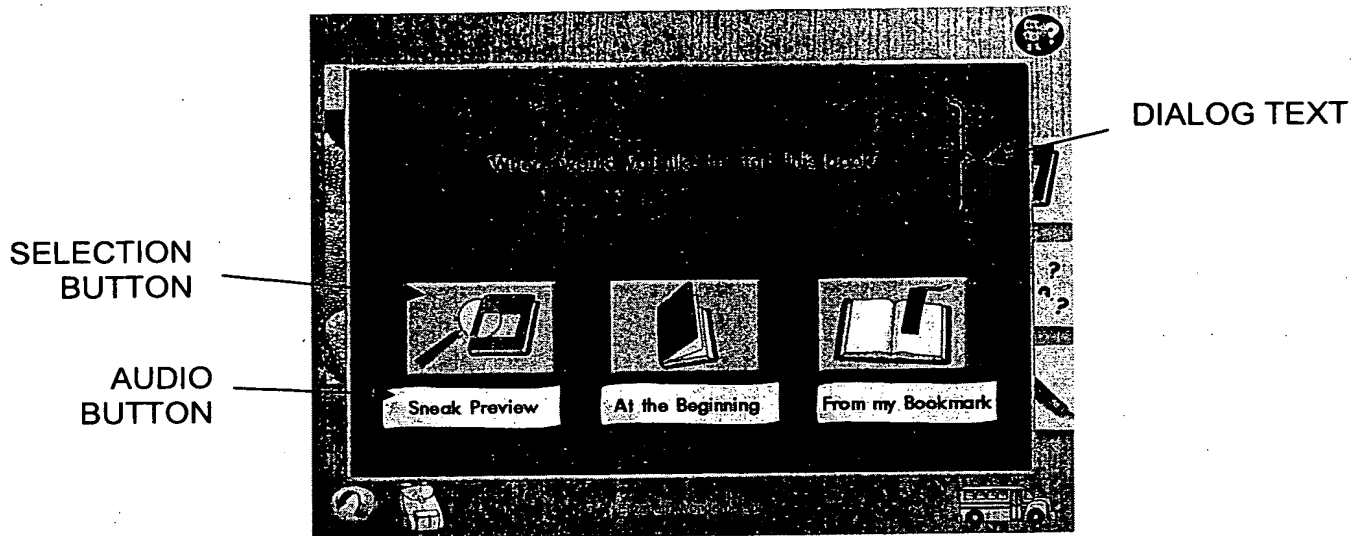


Figure 2.7

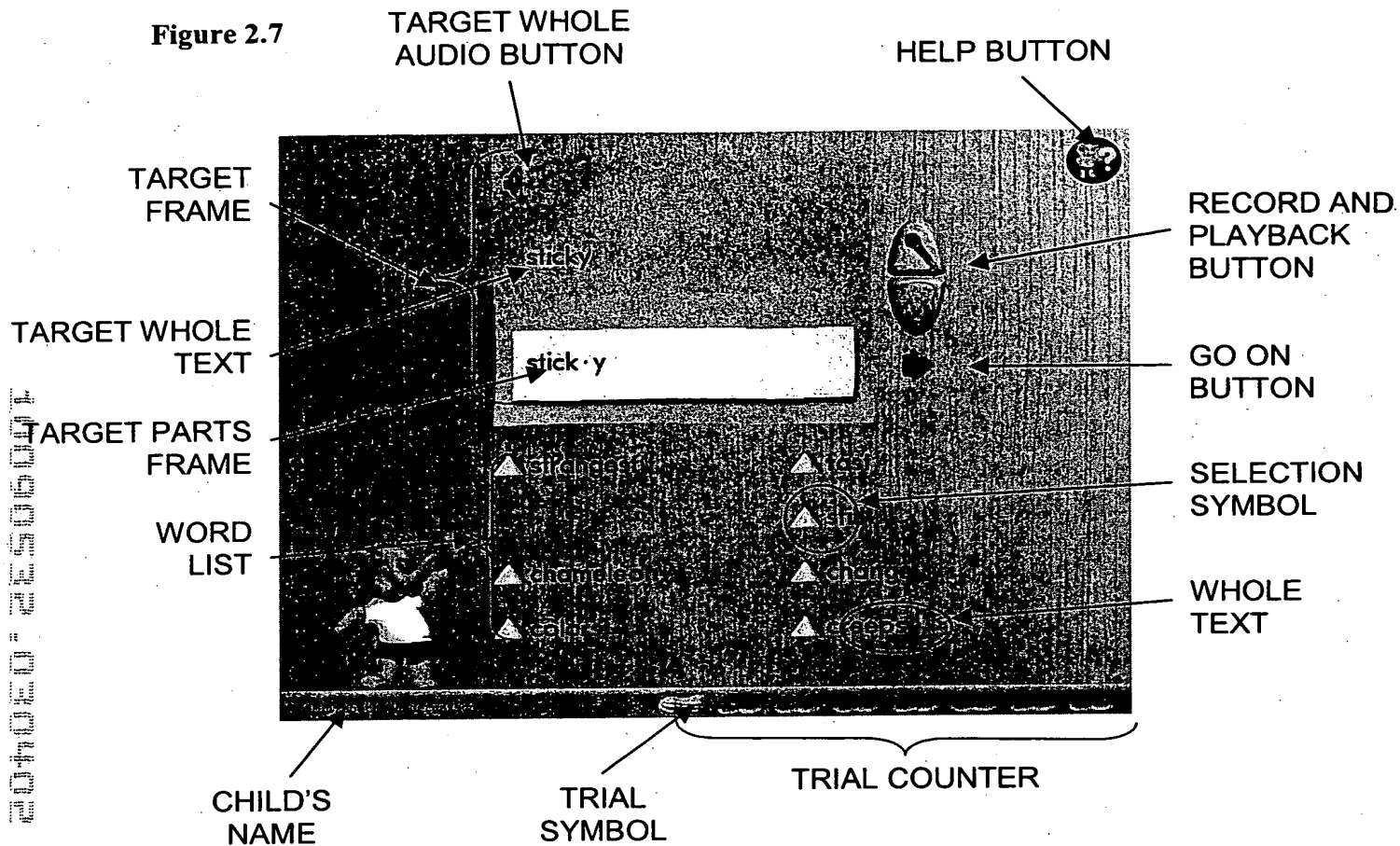
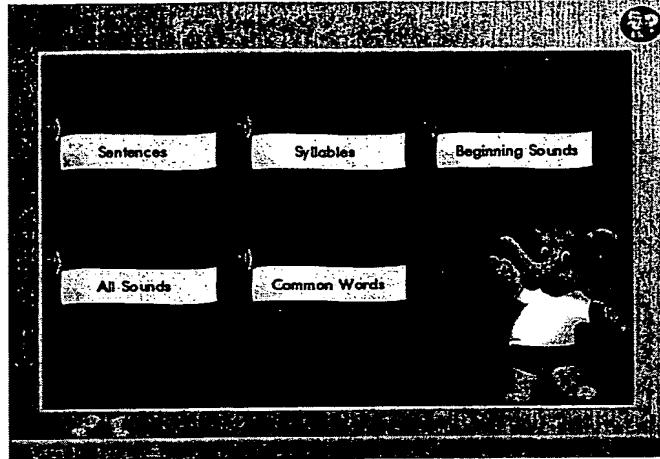


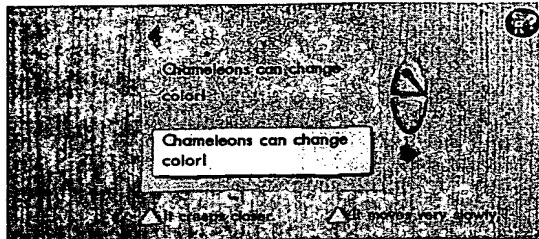
Figure 2.8



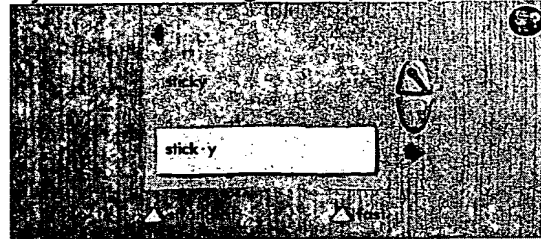
10090532-030402

Figure 2.9

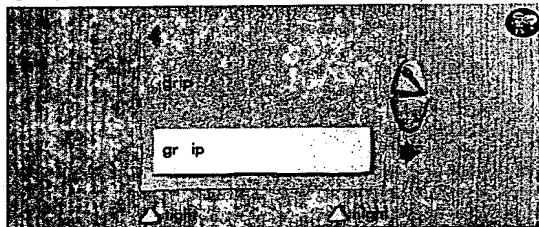
Sentences Focus



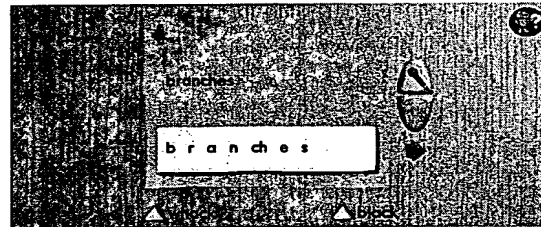
Syllables and High Frequency Foci



Onset/Rime Focus



Sounds Focus



2010-05-22 09:04:01

Figure 2.10

BOOK DISPLAY

2000-03-01 15:00:00

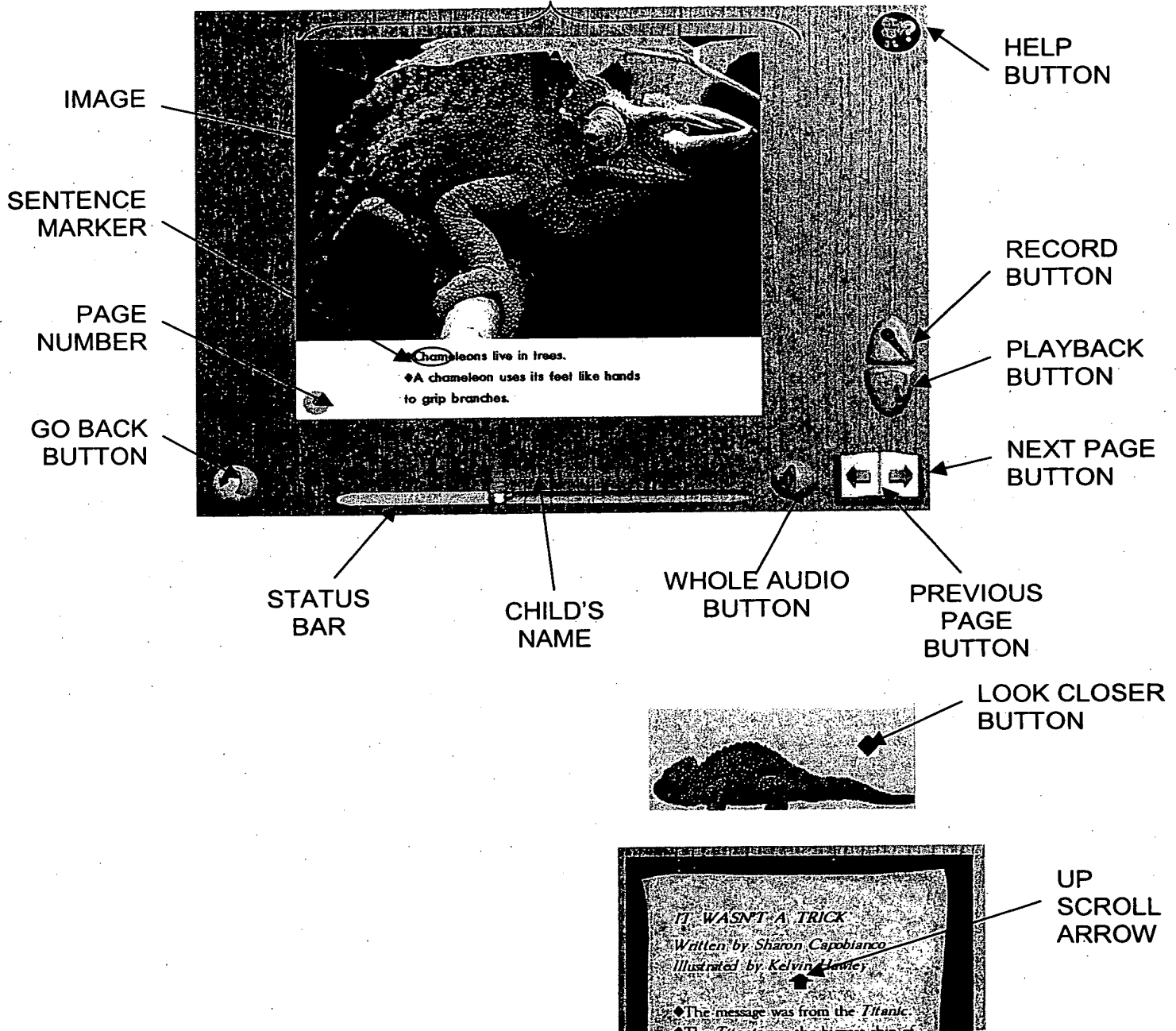


Figure 2.11

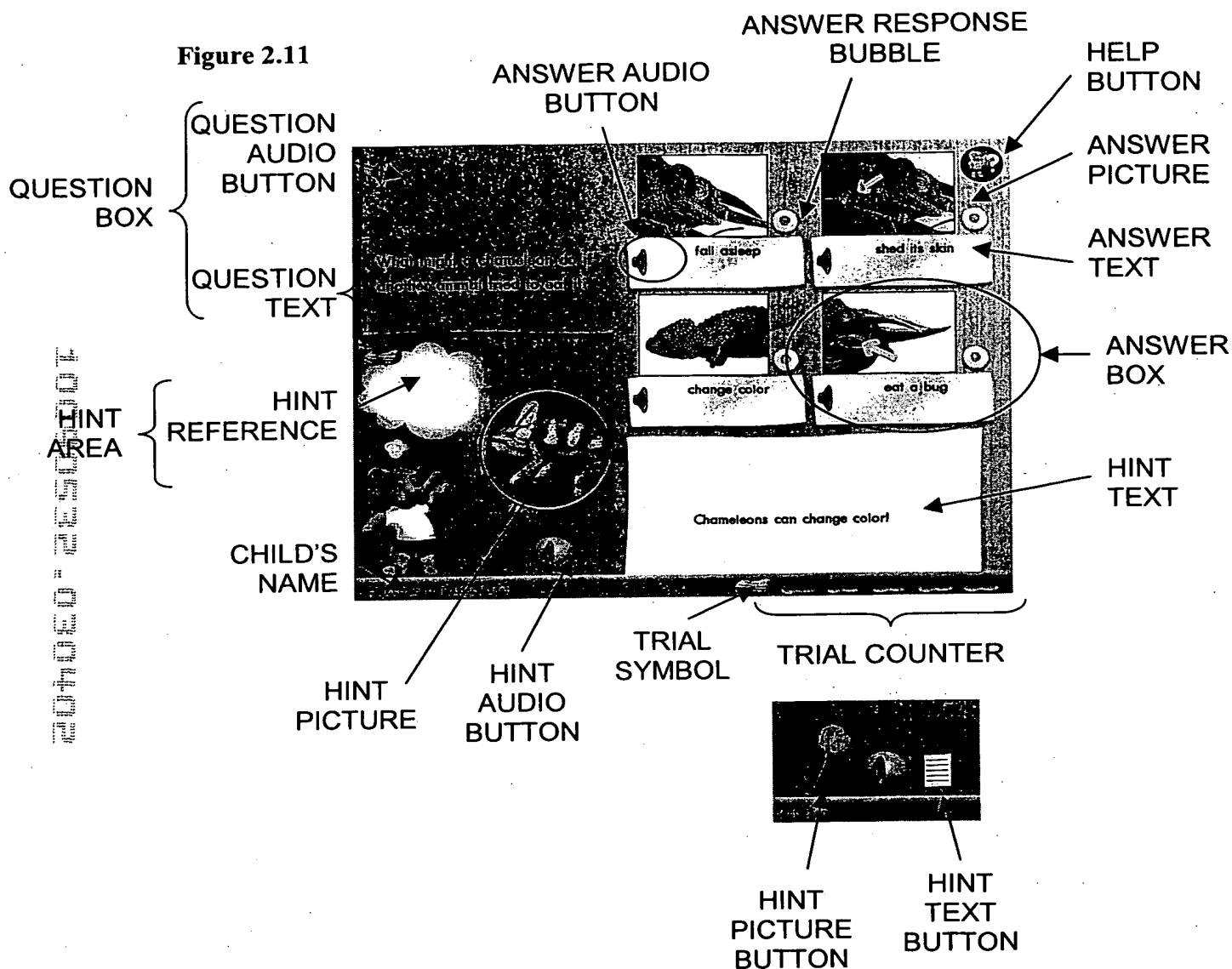


Figure 2.12

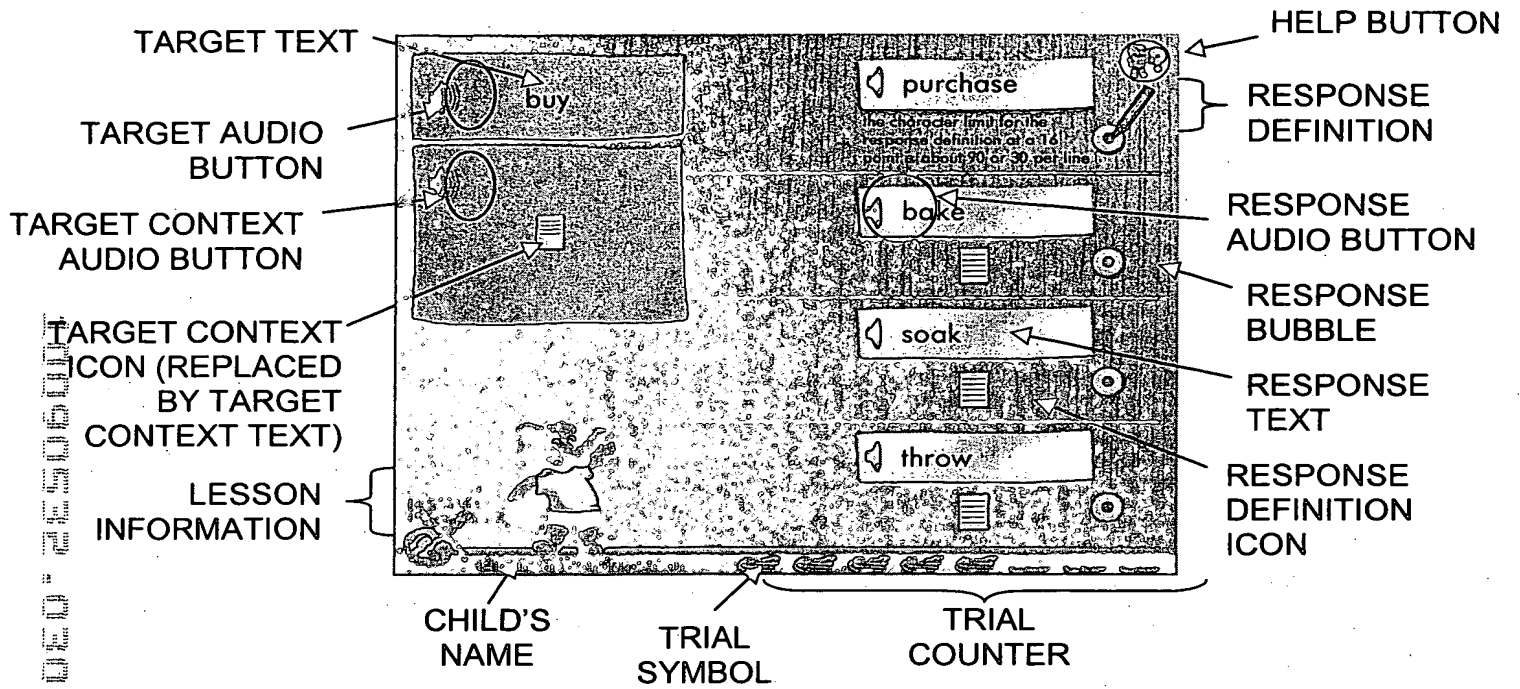


Figure 2.13

AVL 1

	Question	Answer	Hint
Picture		Initial	Initial
Text	Initial	Initial	Initial
Audio	Initial	On Demand	On Demand

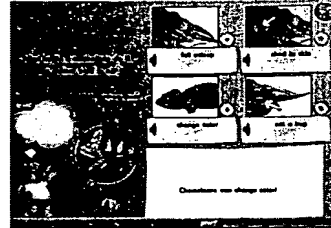
Note: at AVL 1, only two answers will be presented.



AVL 2

	Question	Answer	Hint
Picture		Initial	Initial
Text	Initial	Initial	Initial
Audio	Initial	On Demand	On Demand

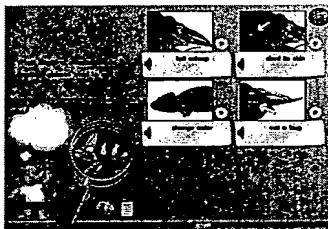
Note: at AVL 2-7, four answers will be presented.



AVL 3

	Question	Answer	Hint
Picture		Initial	On Demand
Text	Initial	Initial	On Demand
Audio	Initial	On Demand	On Demand

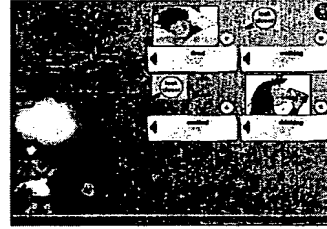
Note: at AVL 2-7, four answers will be presented.



AVL 4

	Question	Answer	Hint
Picture		On Demand	On Demand
Text	Initial	Initial	Never
Audio	Initial	On Demand	Never

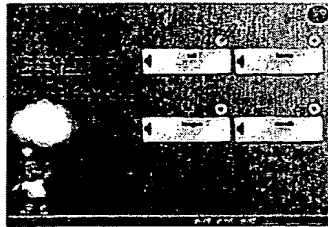
Note: at AVL 2-7, four answers will be presented.



AVL 5

	Question	Answer	Hint
Picture		Never	Never
Text	Initial	Initial	Never
Audio	On Demand	On Demand	Never

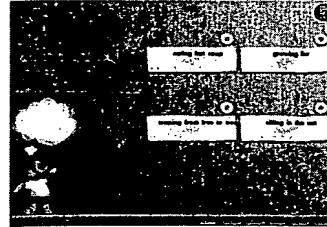
Note: at AVL 2-7, four answers will be presented.



AVL 6

	Question	Answer	Hint
Picture		Never	Never
Text	Initial	Initial	Never
Audio	On Demand	Never	Never

Note: at AVL 2-7, four answers will be presented.



AVL 7

	Question	Answer	Hint
Picture		Never	Never
Text	Initial	Initial	Never
Audio	Never	Never	Never

Note: at AVL 2-7, four answers will be presented.

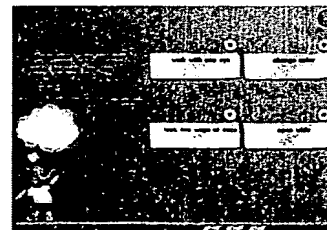


Figure 2.14

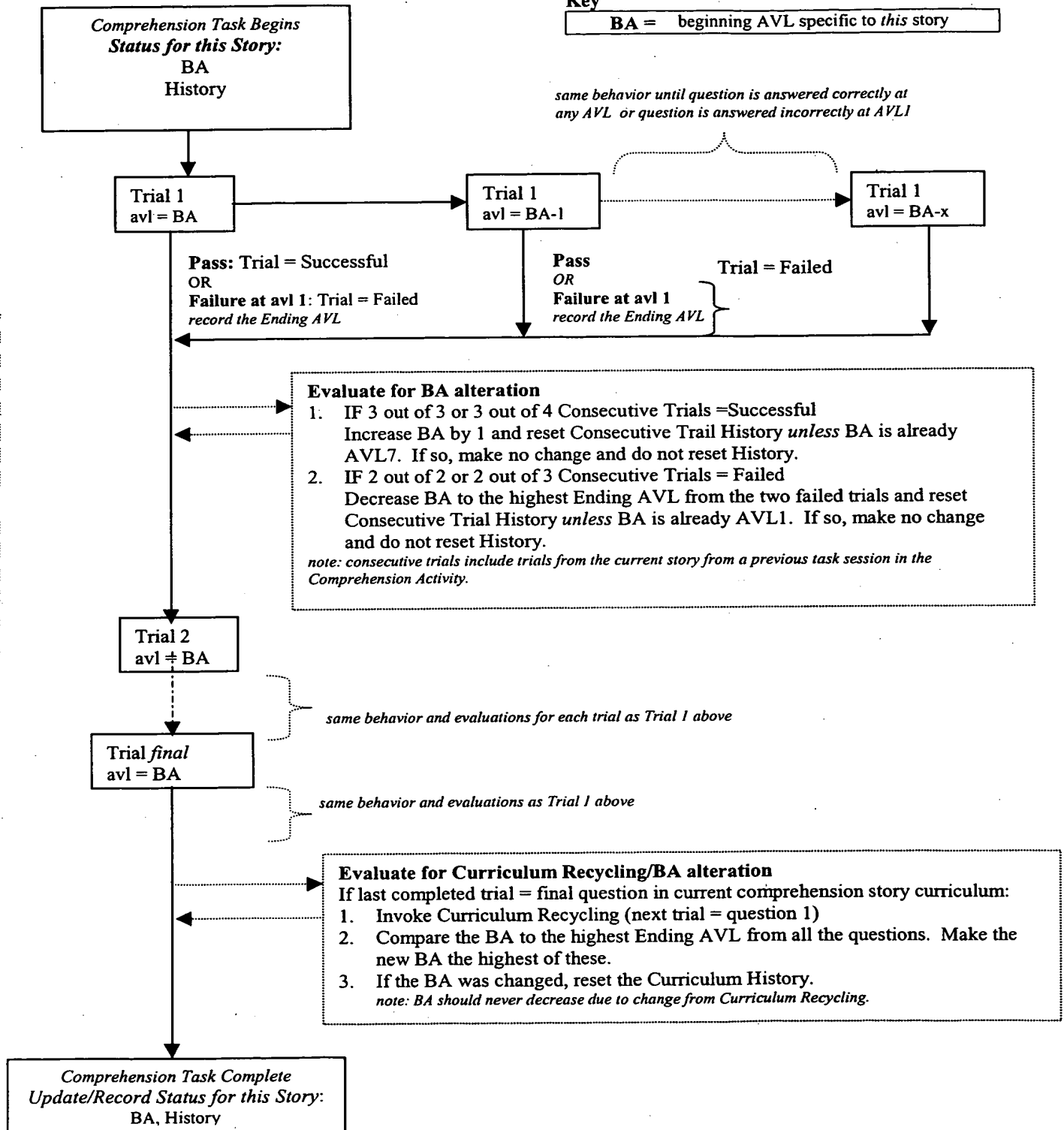
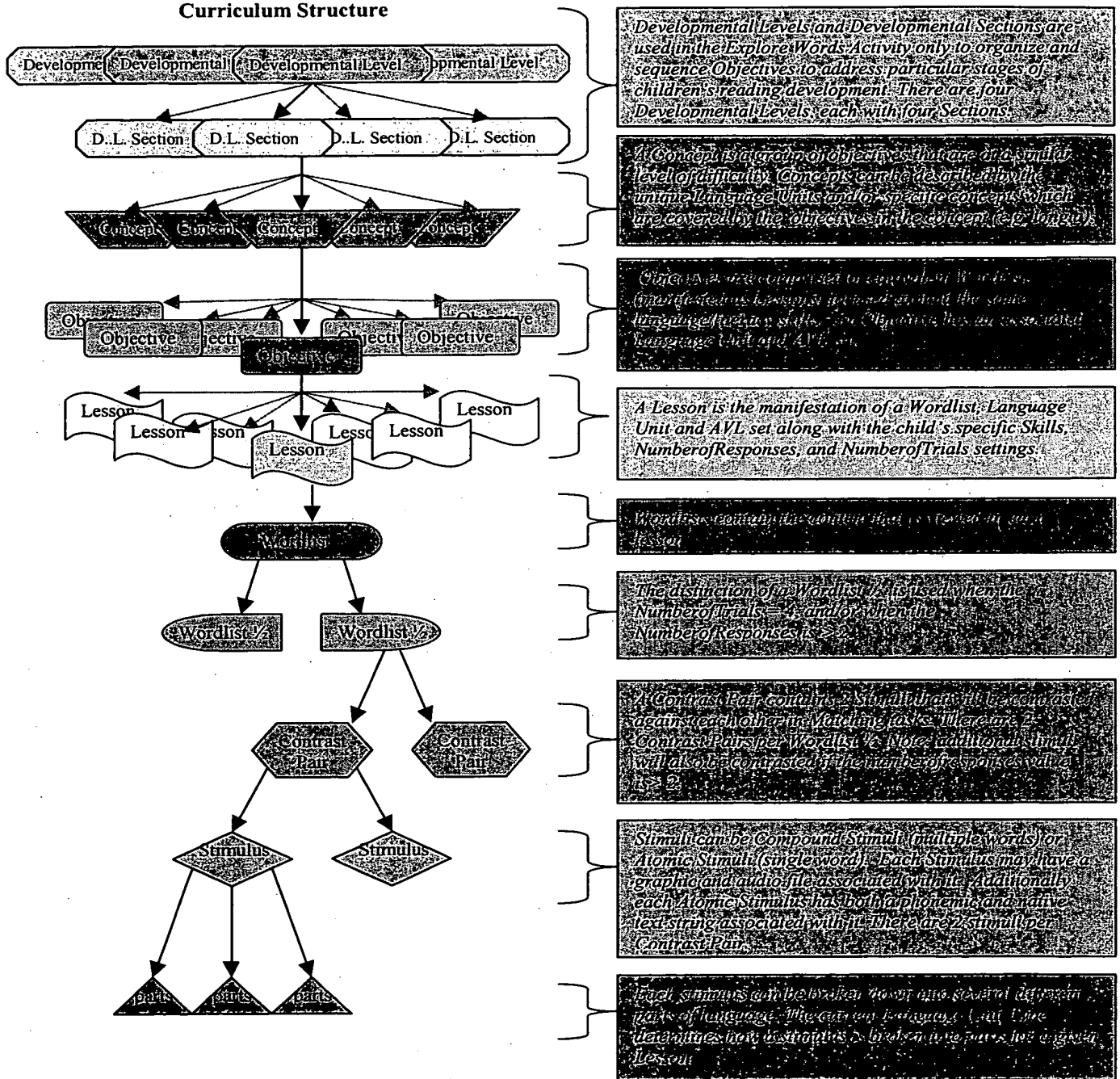


Figure 3.1

Curriculum Structure



20100531-030402

Figure 3.2

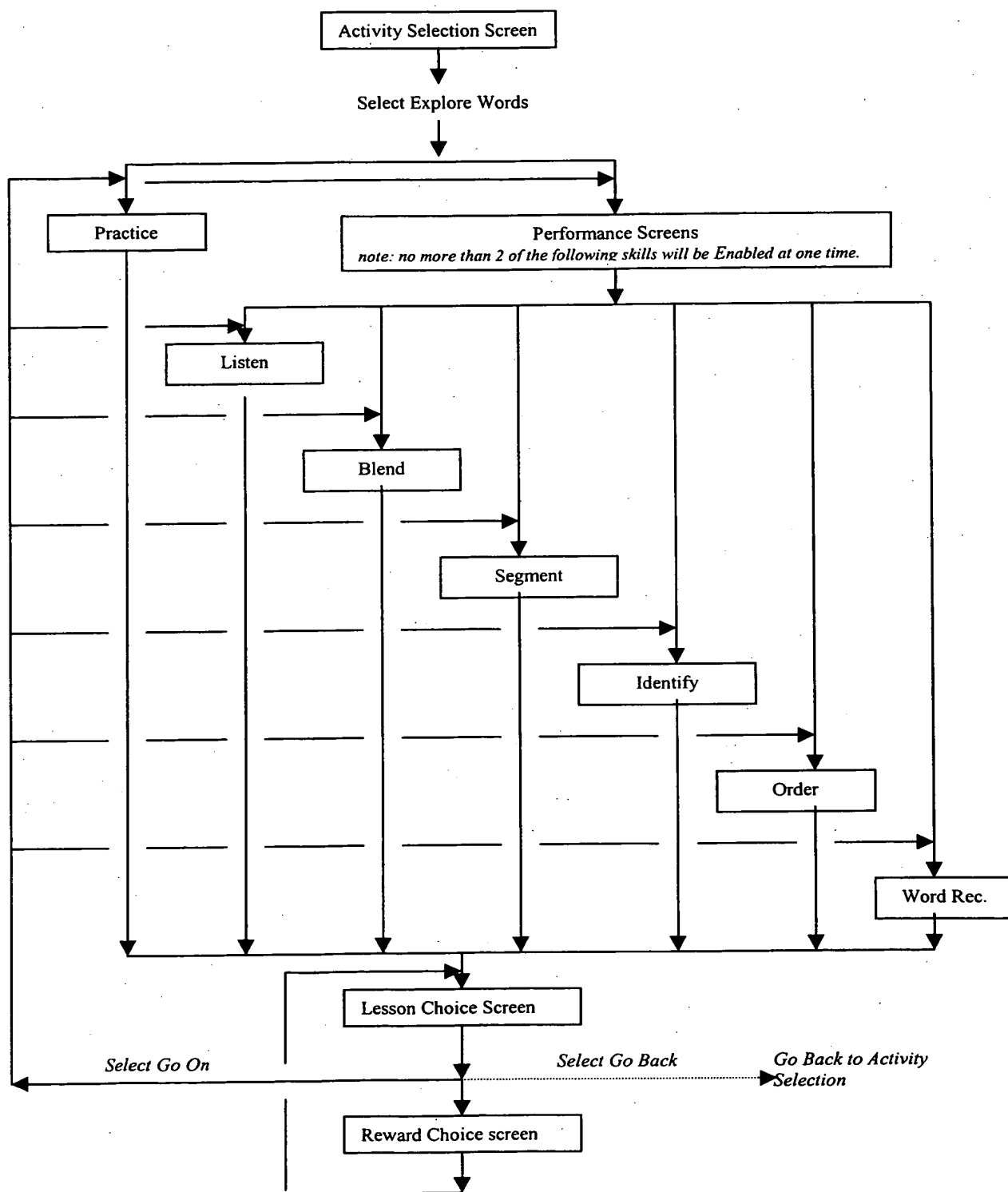
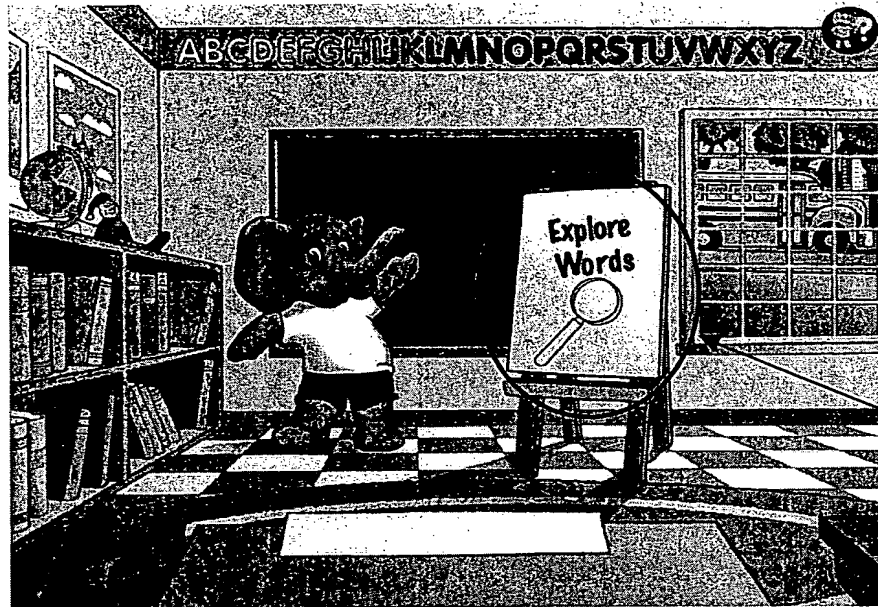


Figure 3.3



EXPLORE
WORDS
AREA

2040ED-2ES06001

Figure 3.4

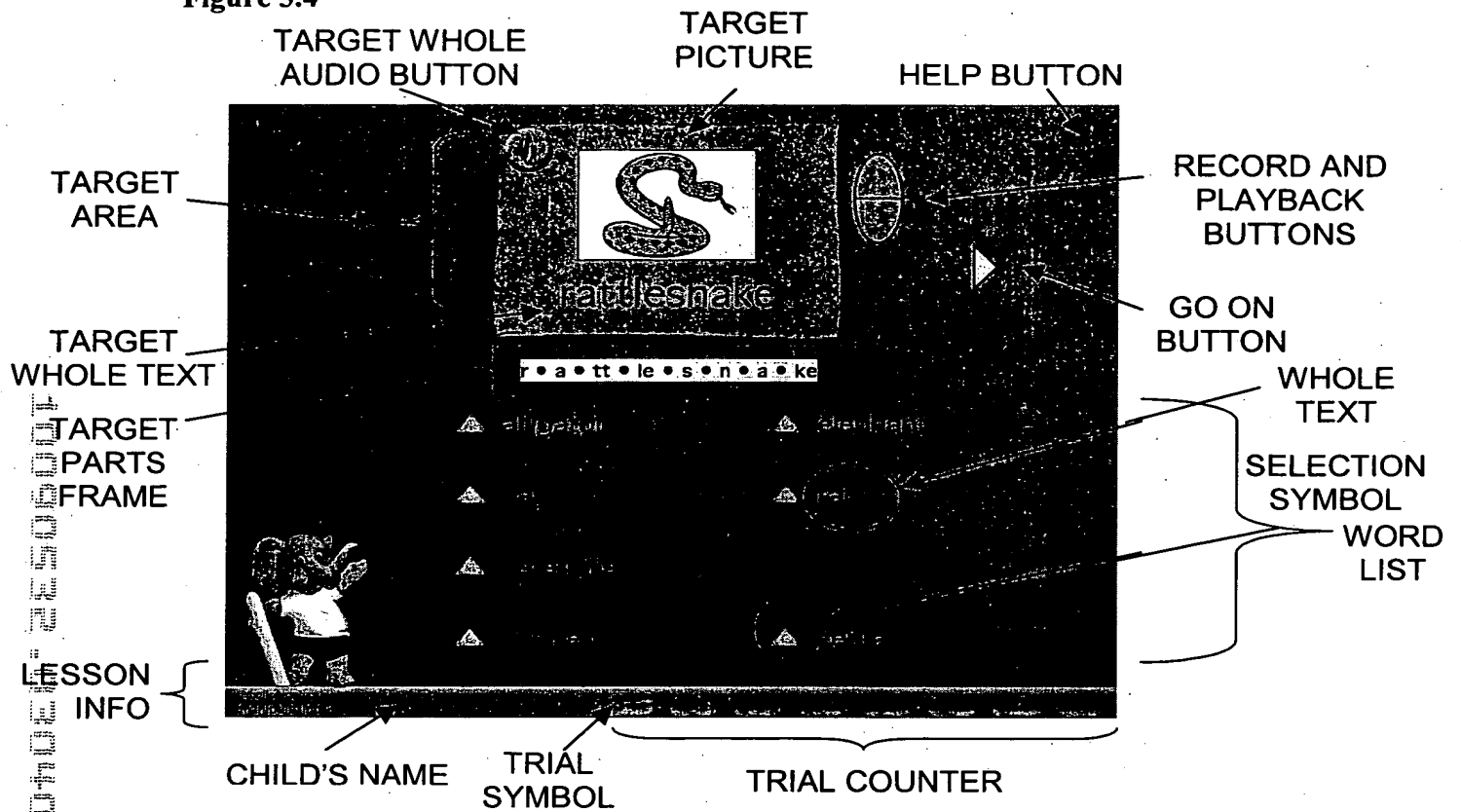


Figure 3.5

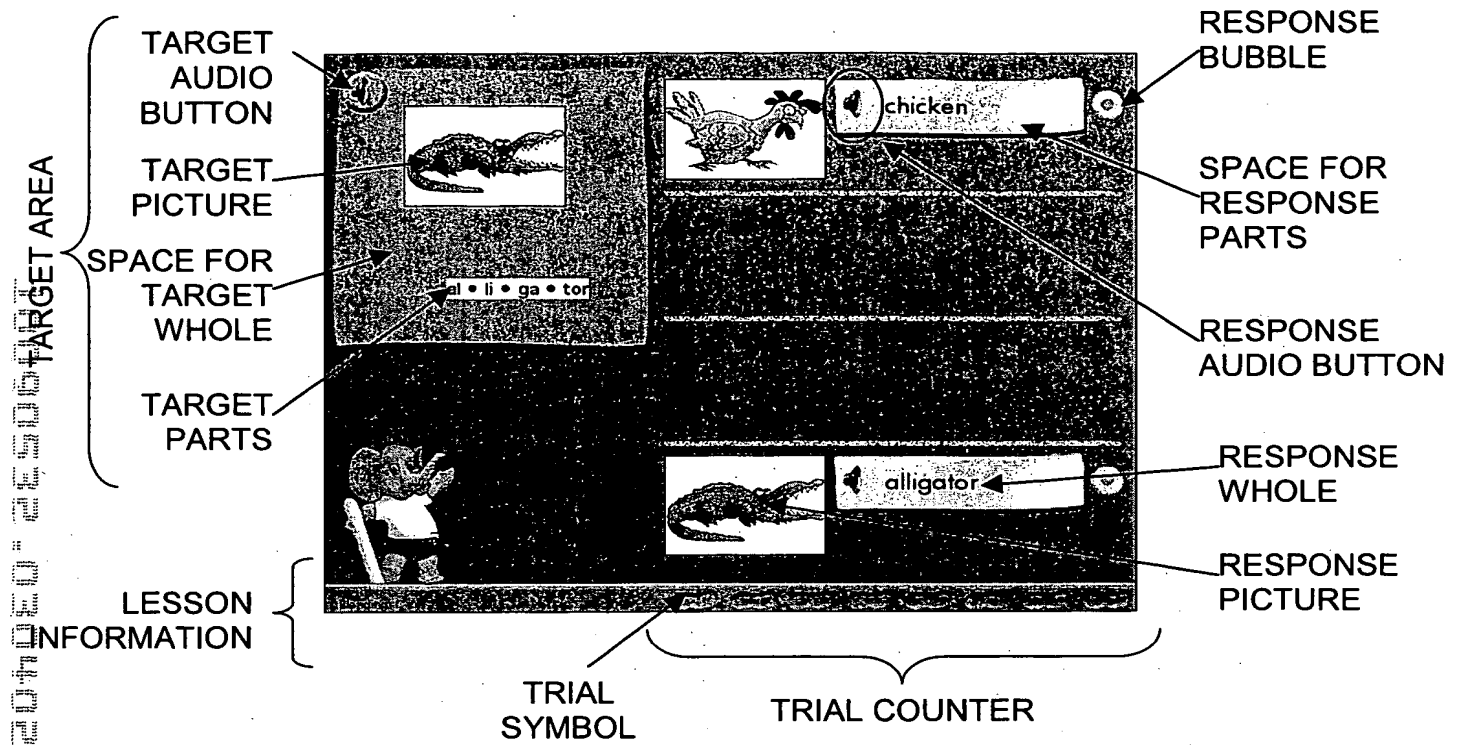


Figure 3.6

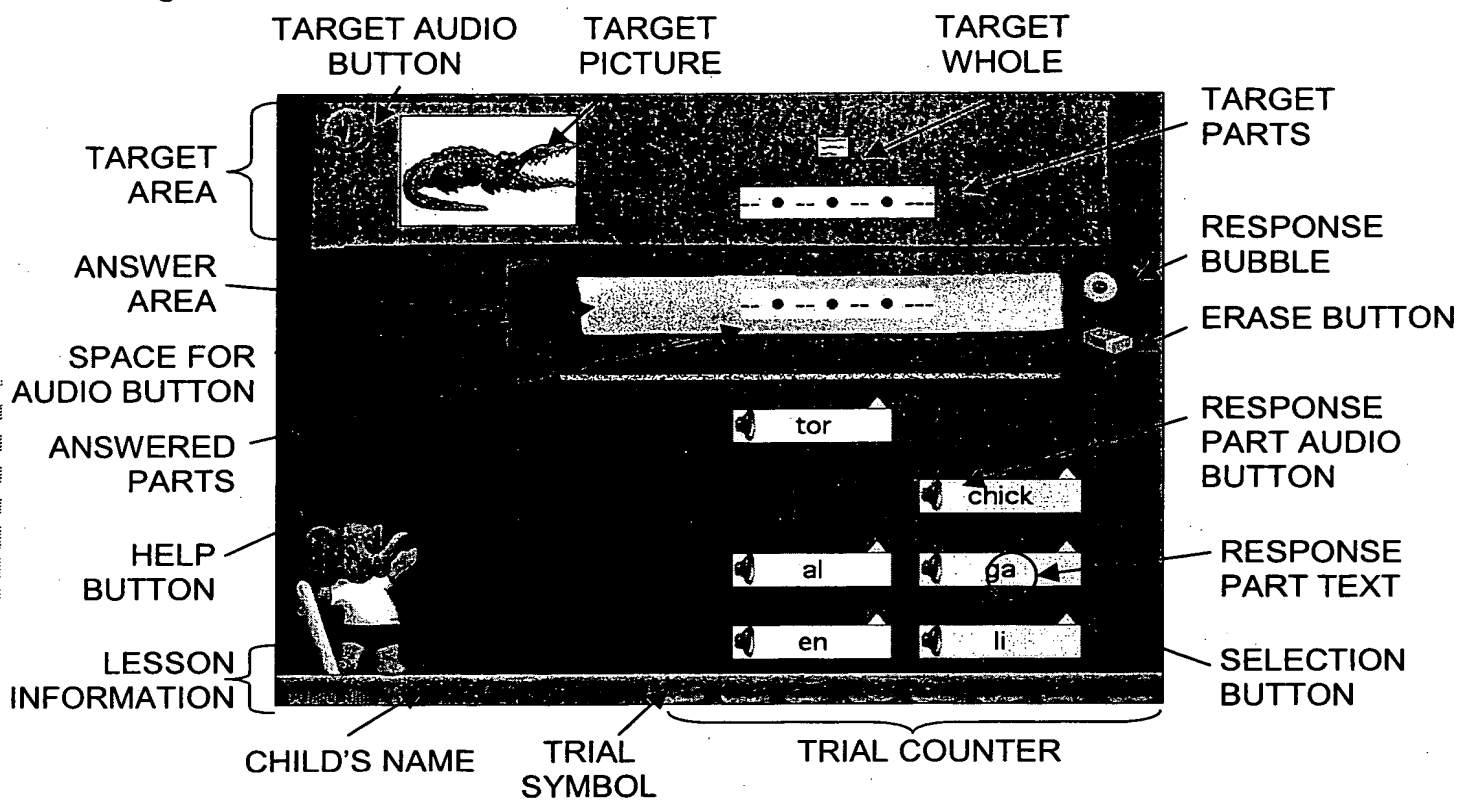
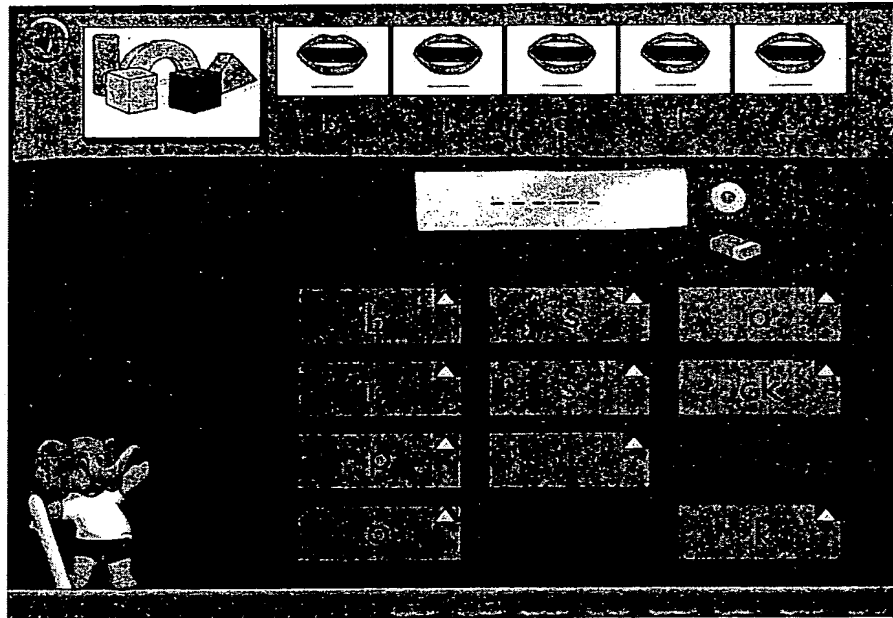


Figure 3.7



204050 22506001

Figure 3.8.1

Key:

LU = language unit
type

Obj = objective

Res. = Number of
Responses

P1-8 = Practice
trials 1-8

+ = Successful

- = Failed

N =

Neutral/Passed

LU	Obj	Lesson	# Res.	Trial	Listen			Blend			Segment			Identify			Order			Word Rec			Overall Score		Rule in use
					1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	Sk	Ls	
Sent	1	1	3	P1-8																					
				1		+																			
				2		+																			
				3		+																			
				4			+																		3f
				5			-																		
				6			+																		
				7			-																		3g
				8		+																	+		4a, 5a
				1					+																
				2					-																
				3					-																
				4				-																	3g
				5				+																	
				6				+																	
				7				+																	
				8					+																3f, 4c, 5c
				1					+																
				2					-																
				3					+																
				4						-															3f
				5						-															
				6					+																3g
				7					+																
				8					+														N		4b, 5bl
																							N		6avi

204020-2350007

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044

[illegible]

Figure 3.8.3

[illegible]

Figure 3.9.1

Progression within a Skill

Key

LU = language unit type
BA = beginning AVL specific to the current Skill/LU combination

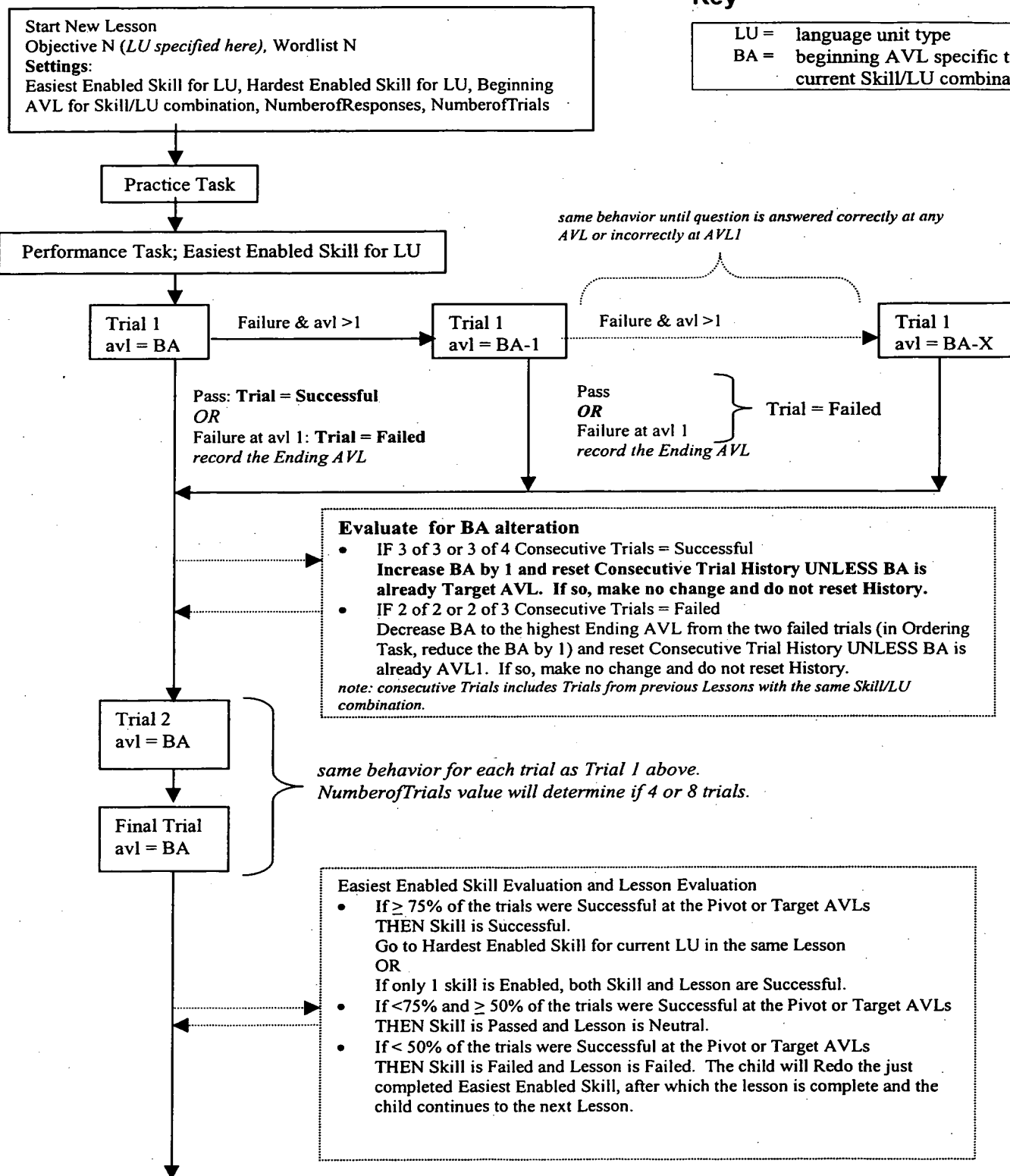
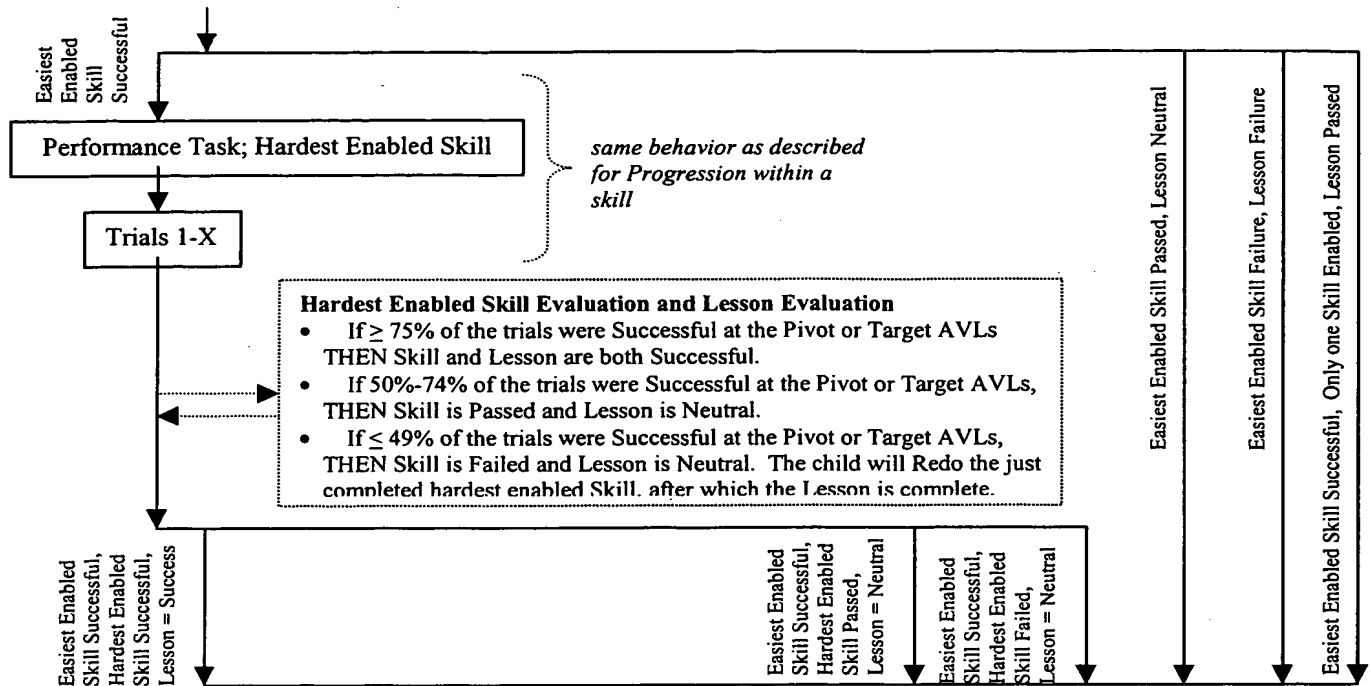


Figure 3.9.2



Changes to NumberofResponses based on Lesson Evaluation

Once either of the following conditions have been invoked, no further changes will be made to the NumberofResponses until at least two more consecutive Lessons have been Successful or Failed. If 2 out of 2 or 2 out of 3 consecutive Lessons have been:

1. Successful AND the NumberofResponses < 4 , THEN increase NumberofResponses by 1.
2. Failed AND the NumberofResponses > 2 , THEN reduce NumberofResponses by 1.

Otherwise, no the NumberofResponses will not change.

Changes to Skills and Placement based on Lesson Evaluation

Once any of the following rules are applied, clear the Consecutive Lesson History.

If 3 of 3 or 3 of 4 Consecutive Lessons within the same LU = Successful, apply the following rules in order:

1. If the enabled Skills for the current LU are not the hardest available Skills, THEN
 - Easiest Enabled Skill is disabled
 - Hardest Enabled Skill becomes the Easiest Enabled Skill
 - Next most difficult available skill becomes the new Hardest Enabled skill
 - Child goes through new Hardest Enabled skill with current wordlist, after which Lesson is complete (but not re-evaluated).
2. If the Enabled Skills = the Hardest Available Skills, THEN the child will go to the first Lesson in the next sequential Objective. If the child has triggered an objective change three times out of the last 9-12 consecutive lessons, AND the child has not had a progression prompted assessment within the last week, AND the child's current curriculum placement is before the $\frac{1}{2}$ part of the curriculum, schedule an Assessment for next session. An update will be sent to the teacher informing her of the Assessment.

If 2 of 2 or 2 of 3 Consecutive Lessons = Failed, apply the following rules in order:

1. If the Enabled Skills for the current LU are not the Easiest Available Skills THEN
 - Hardest Enabled Skill is disabled
 - Easiest Enabled Skill becomes the Hardest Enabled Skill
 - Next least difficult available skill becomes the new Easiest Enabled skill.
2. If the Enabled Skills = the Easiest Available Skills, THEN schedule an assessment for next session. An update will be sent to the teacher informing her of the Assessment.

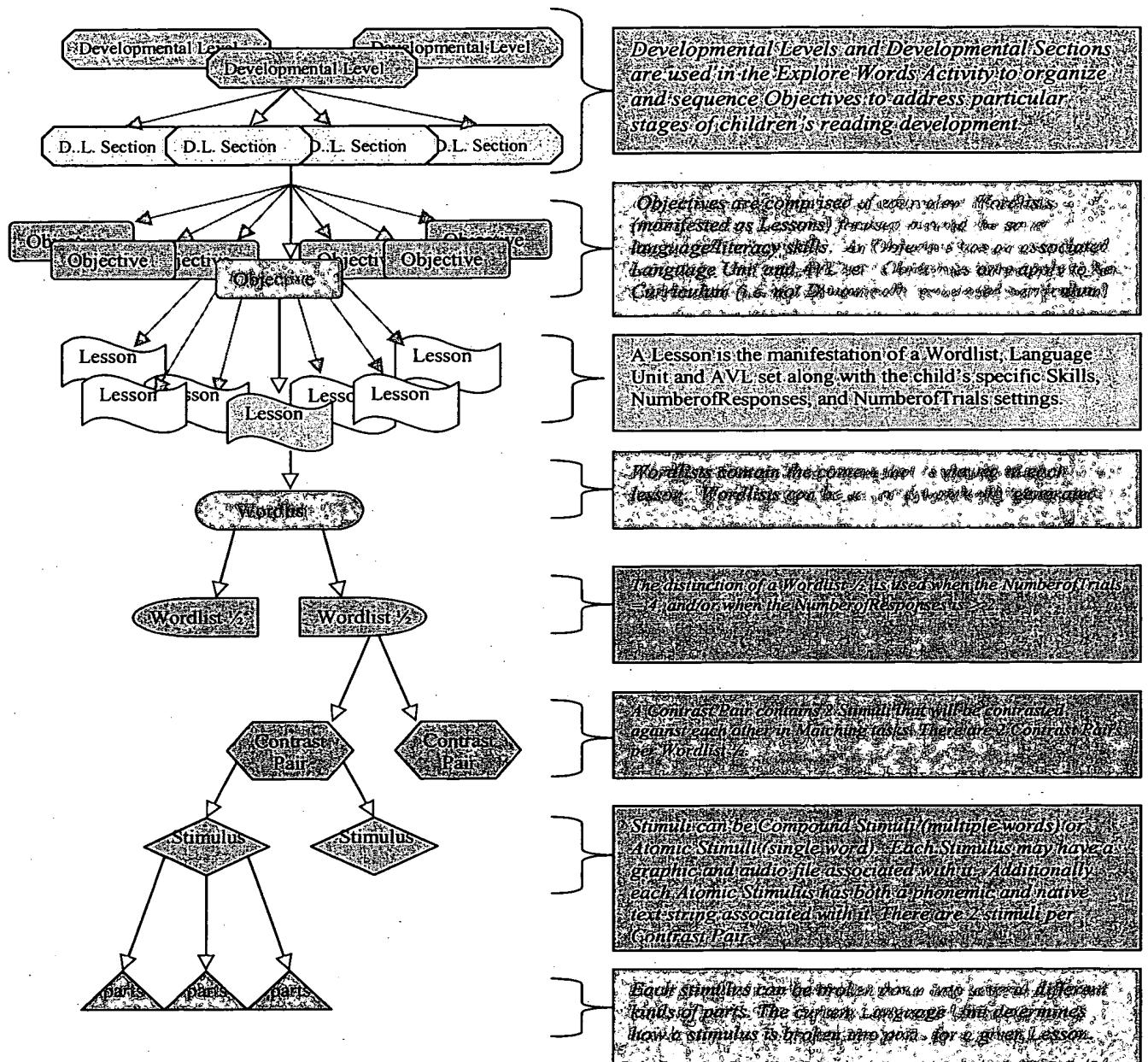
All cases (except point 2 under Success above)

Cases 2 under Success above

Start New Lesson: Go to the next Lesson in the same Objective. Same Rules as above.

Start New Lesson: Go to the first Lesson in the next Objective. Same Rules as above.

Figure 4.1



204020-2350001

Figure 4.2

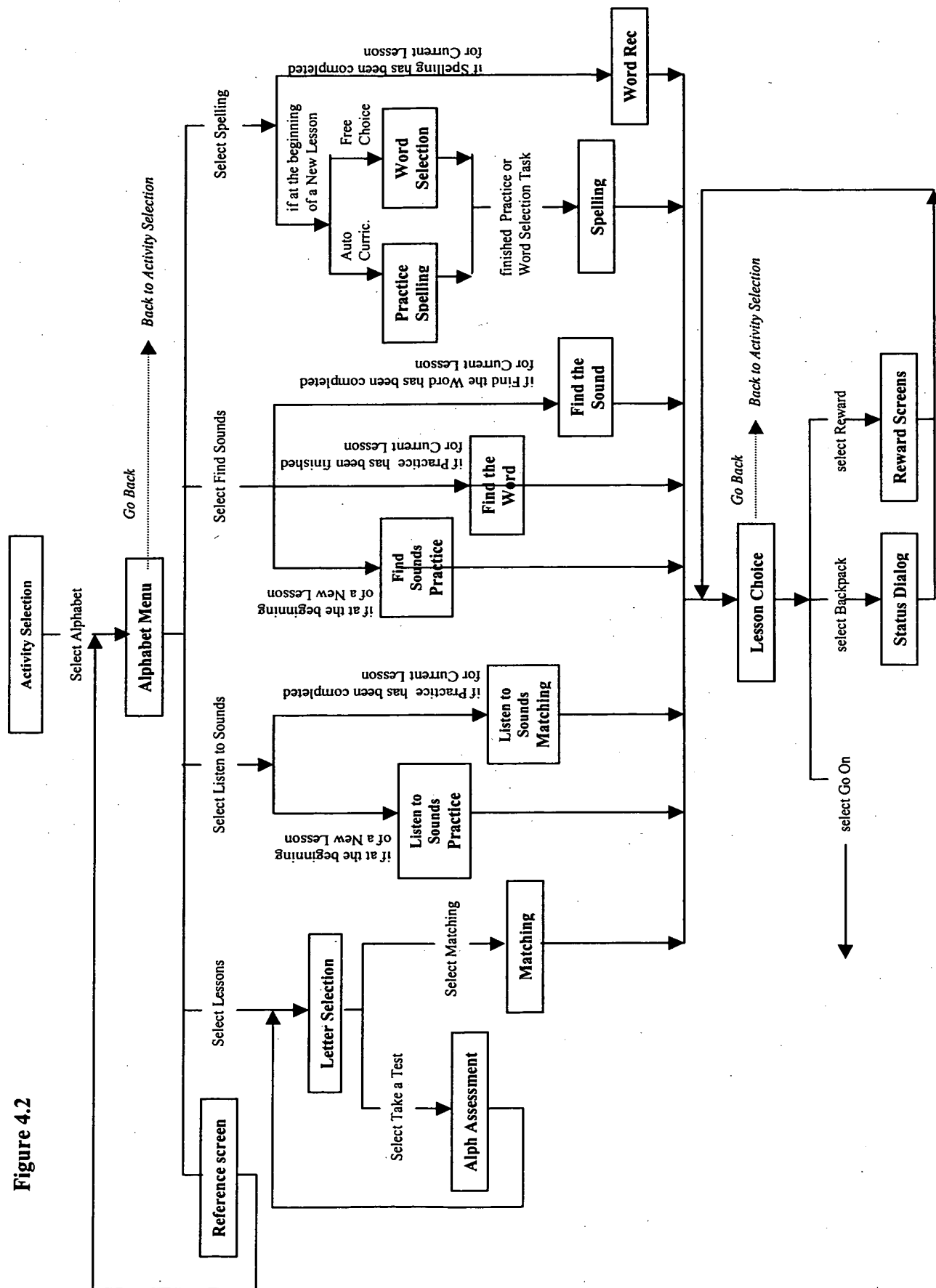


Figure 4.3

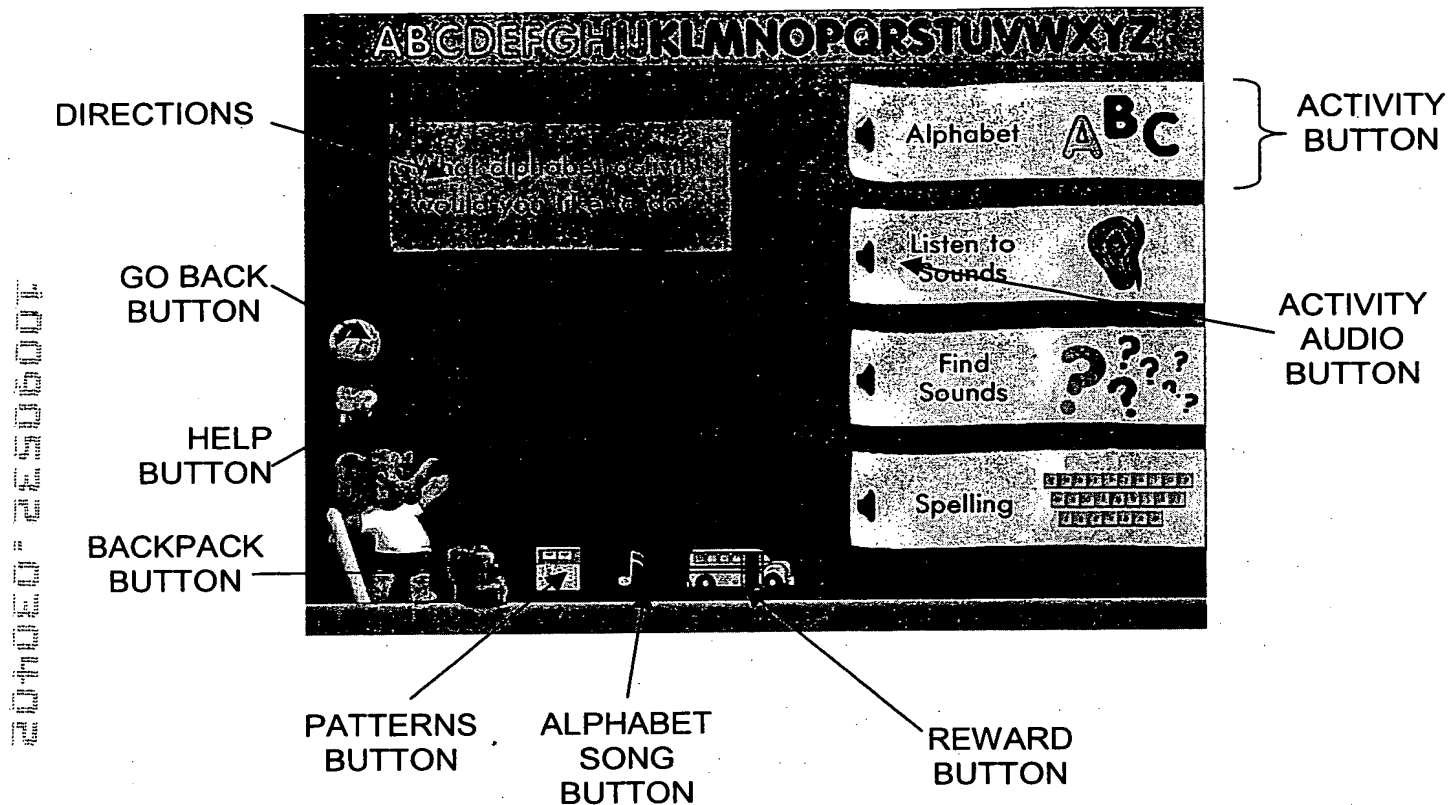


Figure 4.4

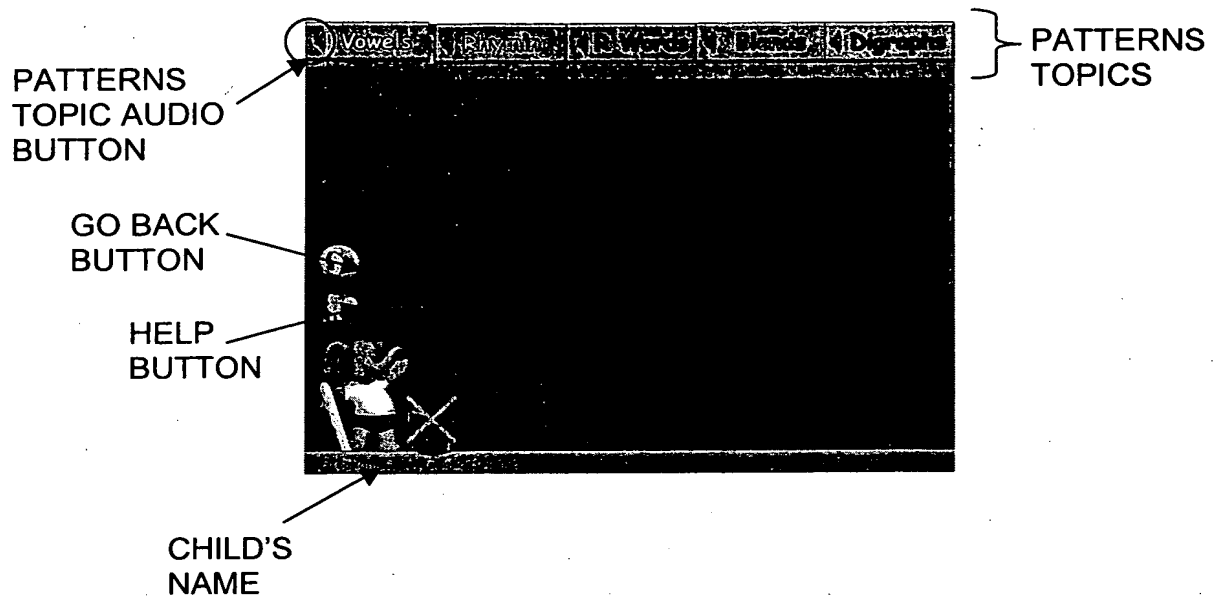
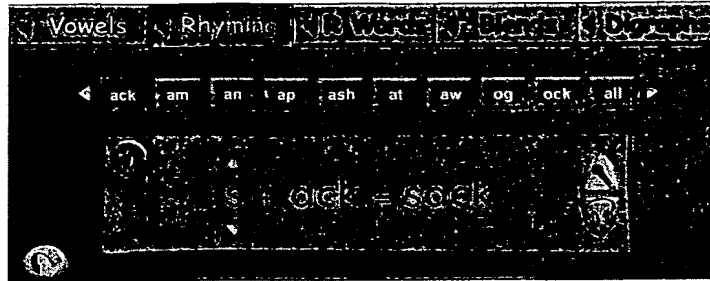


Figure 4.5



204020-22506001

Figure 4.6

204000 240000 400000 600000 800000 1000000

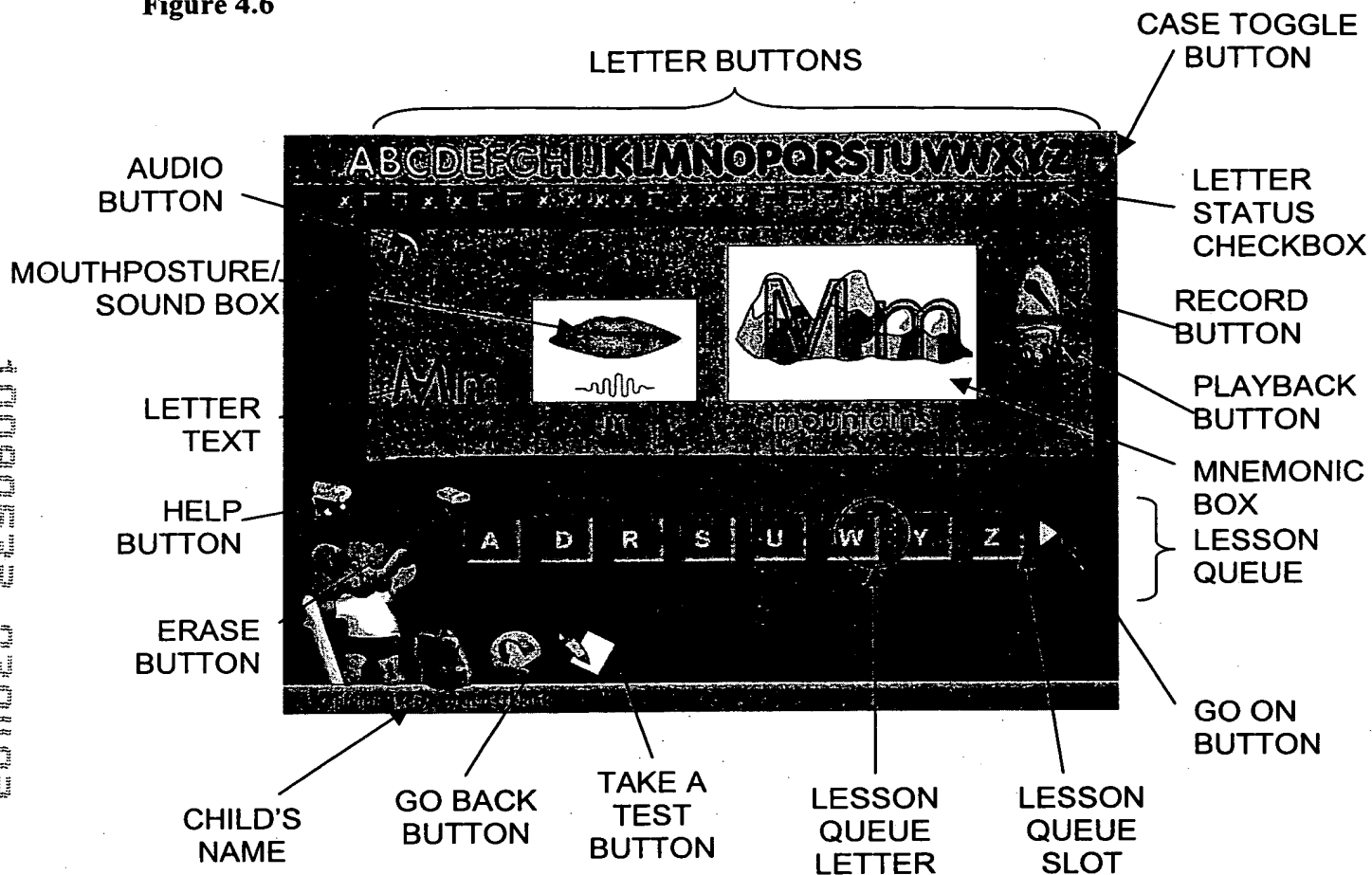


Figure 4.7

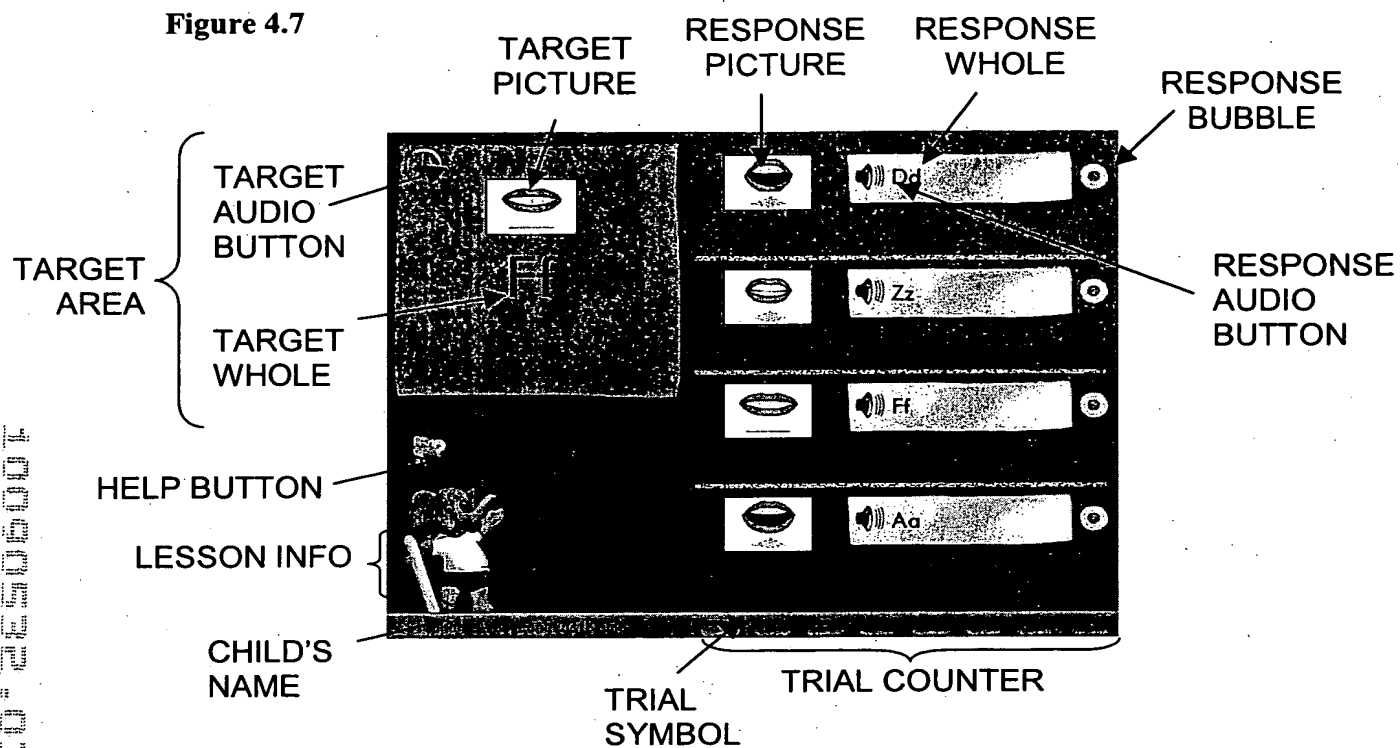


Figure 4.8

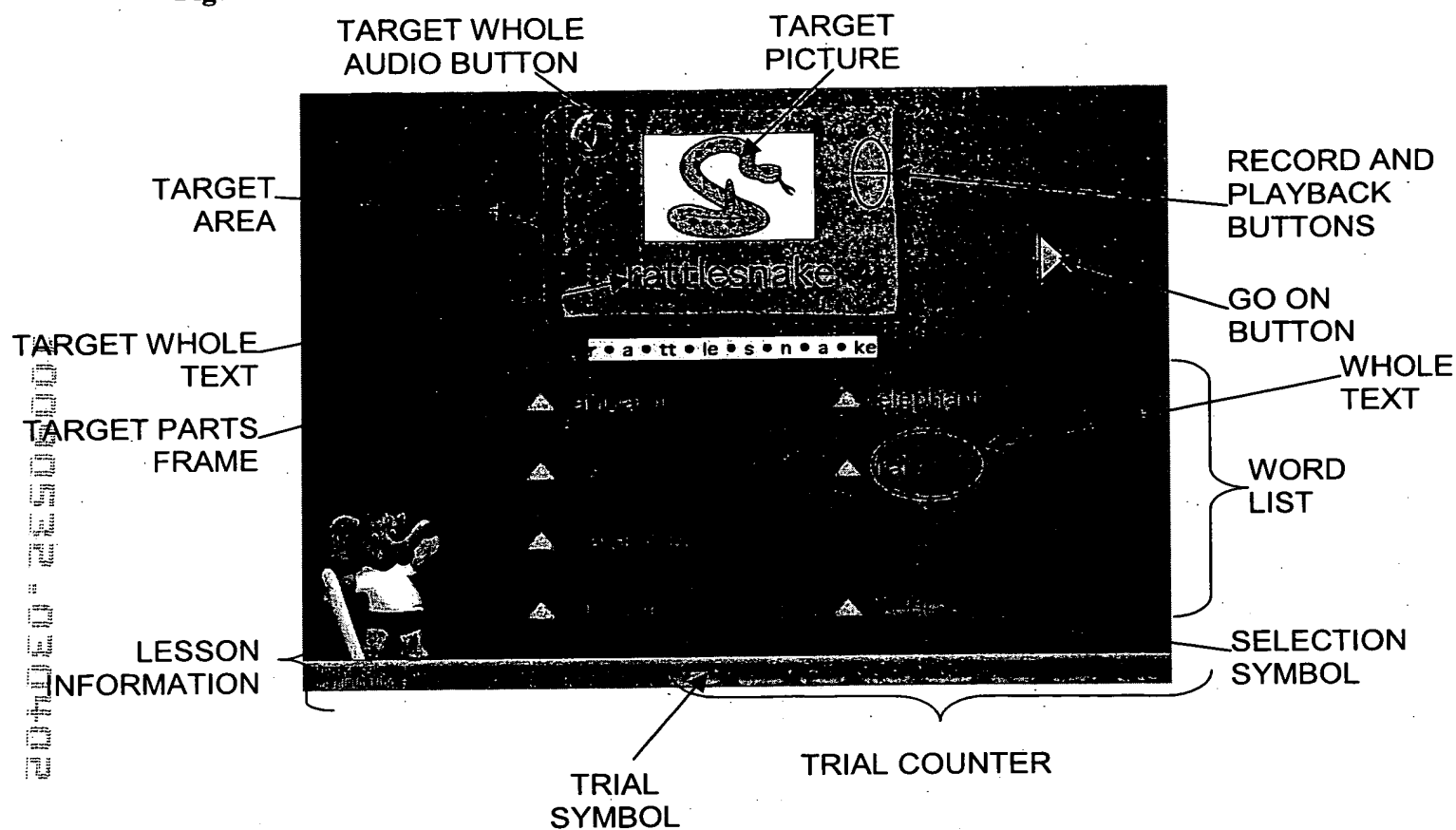


Figure 4.9

204000-265000

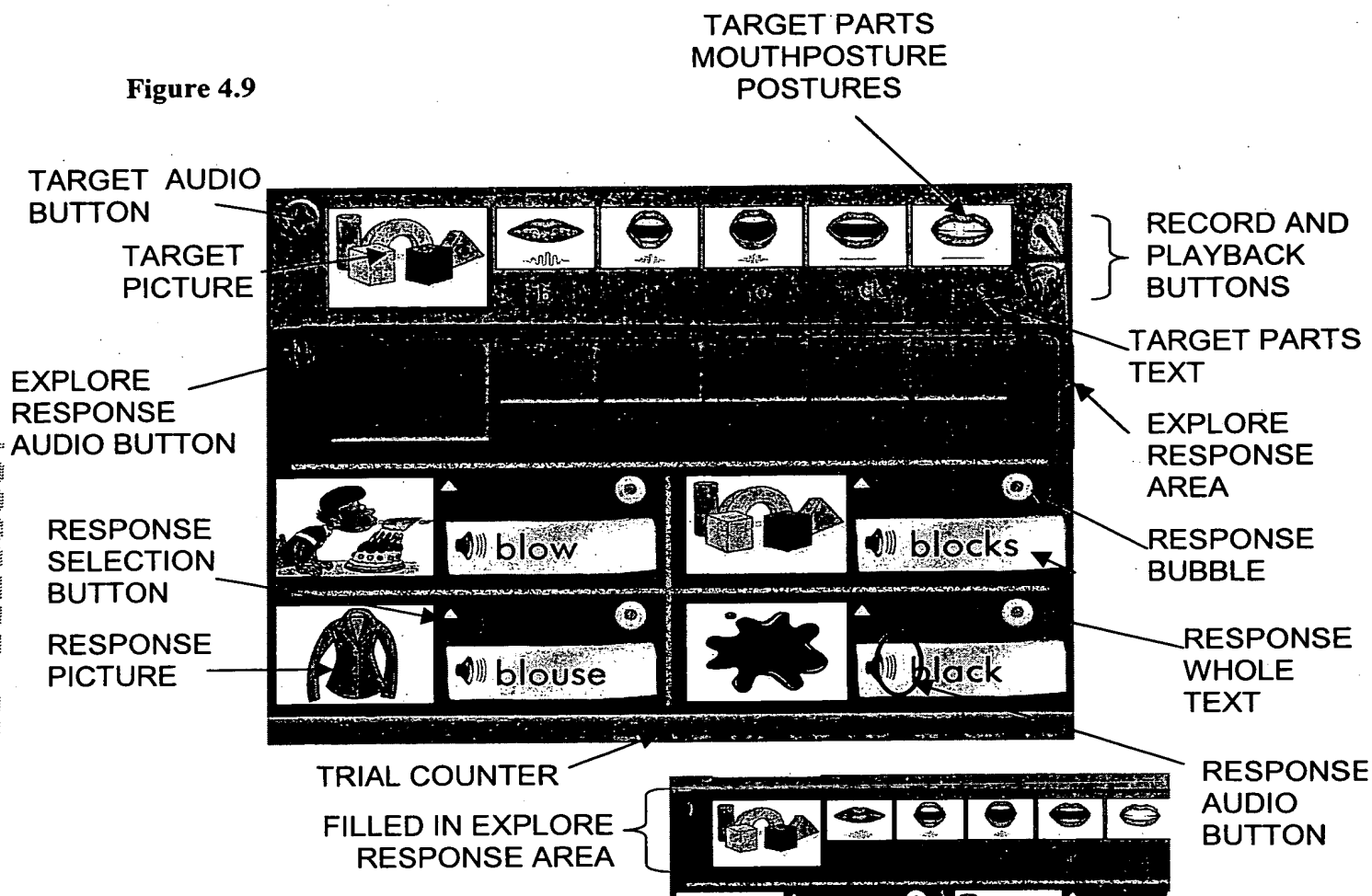
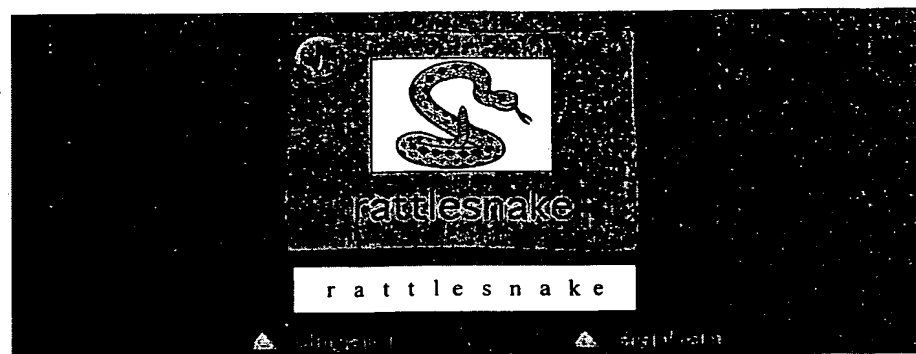


Figure 4.10



204080" 06506001



Figure 4.12

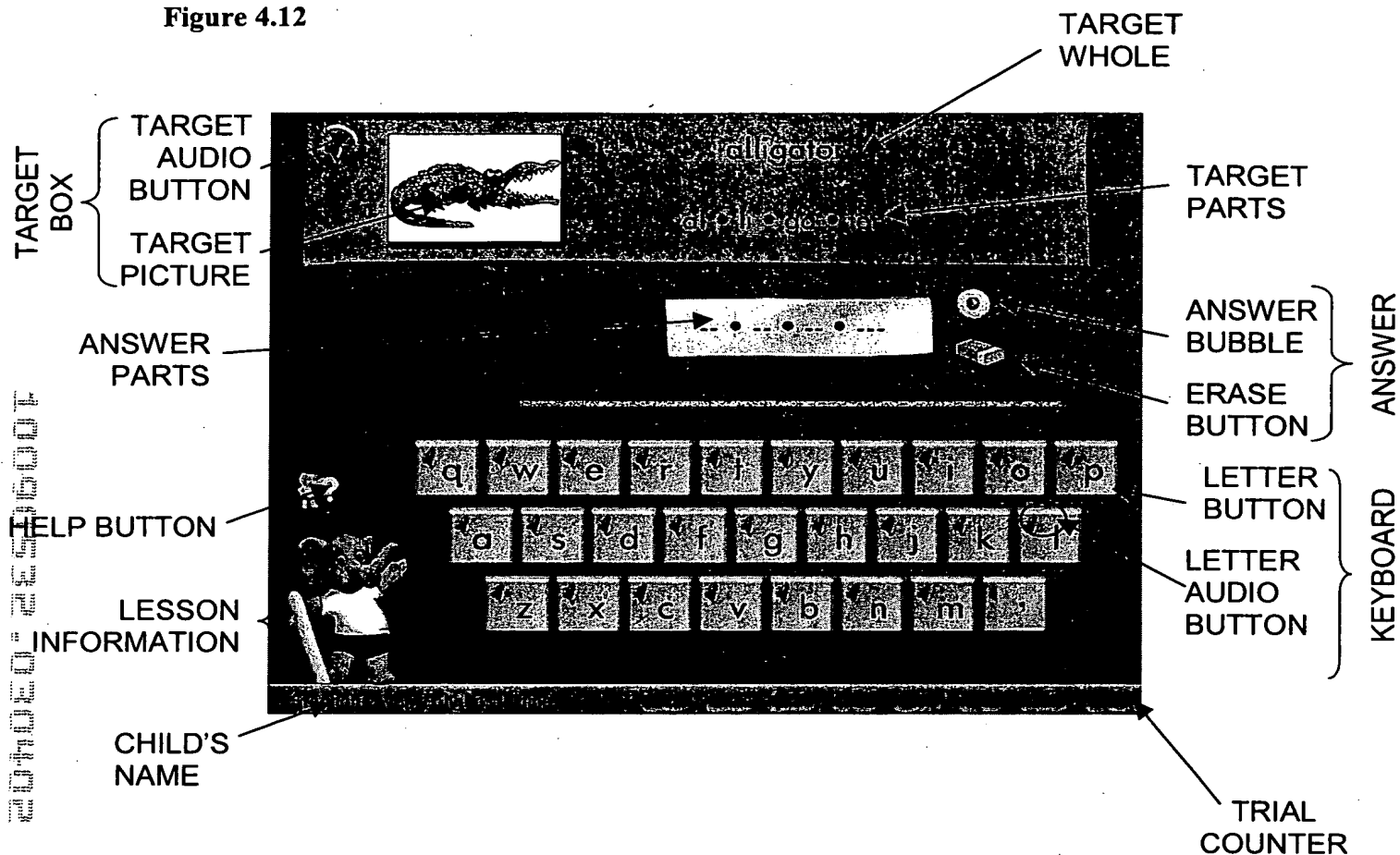


Figure 5.1

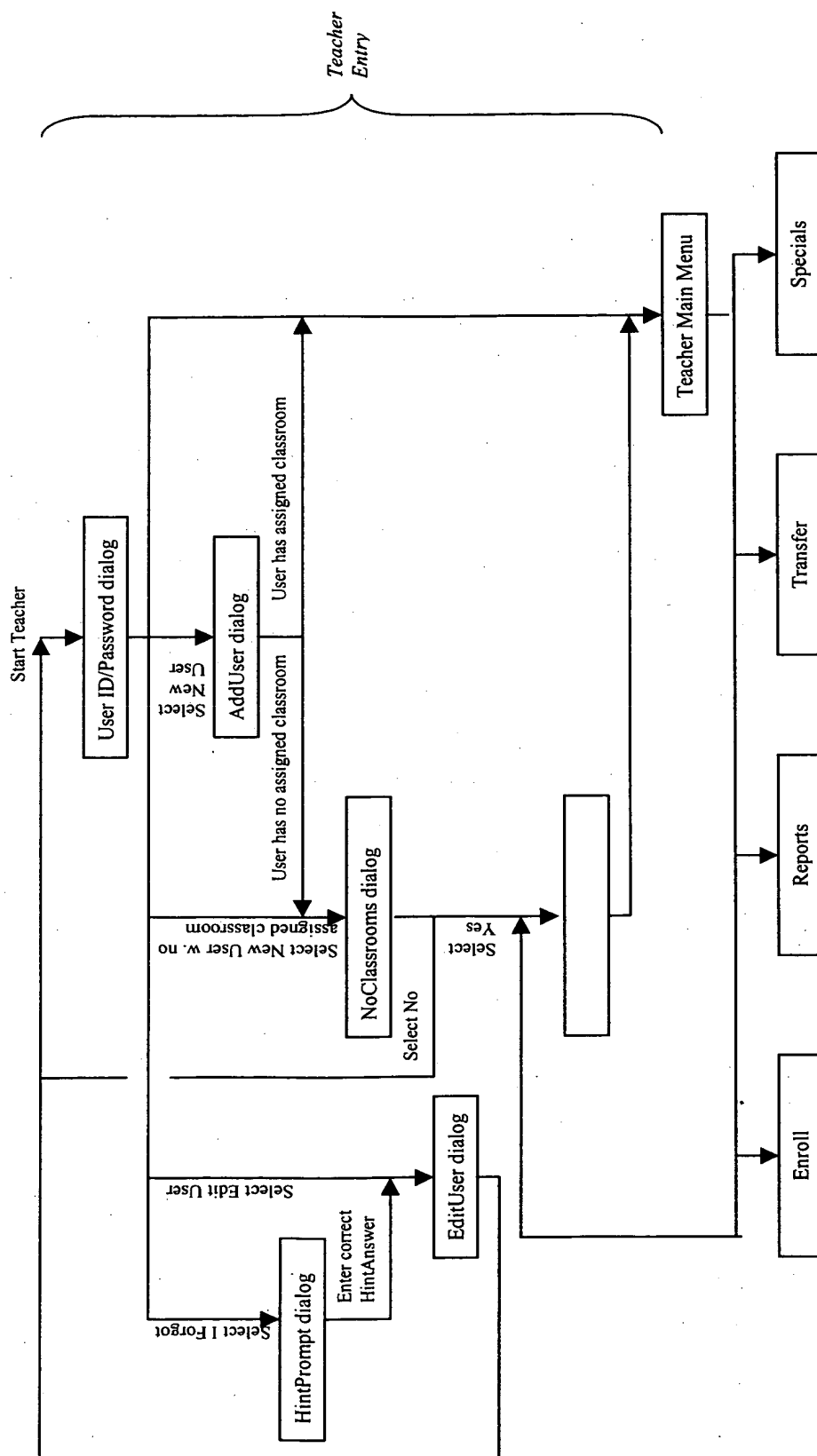


Figure 5.2

Teacher		Selected Class: Ms. Frizzle of Washington Elementary ▾		Selected Child(ren): ▾	
Enroll Reports Transfer Specials		10/14/00			
<h3>Teacher Main Menu</h3> <p>Please select an area of Teacher to work in:</p> <p><u>E</u>nroll allows you to add, view or edit children's records. <u>R</u>eports allows you to view children's activity. <u>T</u>ransfer allows you to move children from one computer to another. <u>S</u>pecials allows you to do specific technical functions like Yearend and backing-up a database.</p> <p>To Edit or Create a new classroom, select the ▾ symbol in the Selected Class field above.</p>					
		Print		Exit	

Figure 5.3

Teacher	Selected Class:	<div>Ms. Frizzle of Washington Elementary ▾</div>	Selected Child(ren):	<div>▾</div>
	Enroll Reports Transfer Specials	<div> <div>BTL Demo Class</div> <div> <div>Ms. Frizzle of Washington Elementary</div> <div>Room 203 of Washington Elementary</div> <div>Miss. Poppins' A.M. class of Johnson Elementary</div> <div>Miss. Poppins' P.M. class of Johnson Elementary</div> <div>Miss. Smith of Johnson Elementary</div> <div>Miss. Smith of Washington Elementary</div> <div>Mr. TravelingAld of Multiple Schools</div> </div> <div> <div>Add Names</div> <div>Edit Class</div> <div>Delete</div> </div> </div>	<div>in Menu</div> <div>work in: <i>edit children's records.</i> <i>en's activity.</i> <i>ren from one computer to another.</i> <i>technical functions like Yearend and</i> </div>	10/14/00
<p><u>Specials</u> allows you to do specific backing-up a database.</p> <p>To Edit or Create a new classroom, select the ▾ symbol in the Selected Class field above.</p>				

2000-2001

Figure 5.4

Teacher Enroll • Class • List • Schedule • Assessment • Edit Reports Transfer Specials <div>Print</div> <div>Exit</div>	<div>Selected Class: Ms. Frizzle of Washington Elementary ▾</div> <div>Selected Child(ren): ▾</div> <div>10/14/00</div> <div><div>Enroll – Class List</div><div>Currently, there are no children assigned to this Class.</div><div><div>Add Child</div><div>Class Settings</div><div>Edit Child</div><div>Delete Child</div></div></div>
--	--




Figure 5.6

Teacher

Enroll

Class List

Schedule

Assessment

Edit

Reports

Transfer

Specials

Print

Selected Class: Ms. Frizzle of Washington Elementary

Selected Child(ren):

Enroll - Class List

10/14/00

Currently, there are no children assigned to this Class.

Add Child

Edit Child

Delete Child

Add Child Dialog

First Name

Harry

Last Name

Potter

M.I.

Gender

M

Age

5 yrs 11 mo

Grade

2nd

Color

Green

Birthdate

10/31/94

Print Experience

Set

Don't Know

0 - No Experience

1 - holds book appropriately, turns pages

2 - Tells Story, uses pictures as a guide, connects pictures with print generally, memorizes stories

3 - Discriminates between words and sentences, recognizes some letters of name, recognizes common words and signs, has concept of directionality of print

5 - Reads

Writing Experience

Set

Don't Know

0 - No Experience with writing

1 - Scribbles, holds pencil correctly

2 - Draws pictures to tell story, produces horizontally oriented shapes on page, writes repetitive shapes.

3 - Writes series of letters for purposeful communication, writes common words/signs, writes letters to stand for words or thoughts

5 - writes continuous sentences

Native English Speaker?

yes

no - fairly fluent in 1st language

no - beginning 1st language

Figure 5.7

Teacher

Enroll

- Class
- List
- Schedule
- Assessment
- Edit

Reports
Transfer
Specials

Selected Class: Ms. Frizzle of Washington Elementary

Selected Child(ren): All

Enroll – Class List

10/14/00

Child Color	Age	Grd	-----Story Activities-----				-----Alphabet Activities-----				Field Trips	Assessment Status
			Listen & Tell	Prev	Comp	Expl Wds	Alph Lesson	Listen to Snds	Find Sounds	Auto Spell		
Alison Wonderland	6 y 11 m	1 st	✓	NA	TBA	✓	✓	TBA	NA	TBA	✓	Alphabet - letters in progress
Red												
Boy Blue	7 y 11 m	2 nd	✓	✓	✓	✓	✓	TBA	TBA	TBA	✓	Phonemic Code 10/15
Blue												
Dorothy Gale	8 y 0 m	2 nd	✓	✓	TBA	✓	✓	TBA	✓	TBA	✓	Logical Links 10/21
Green												
Harry Potter Purple	8 y 3 m	2 nd	✓	✓	✓	✓	✓	✓	✓	✓	✓	Word Recognition 10/15
Huckleberry Finn	6 y 5 m	1 st	✓	NA	NA	NA	✓	TBA	TBA	TBA	✓	Phonemic Code in progress
Red												
James N. Giantpeach	7 y 6 m	2 nd	✓	✓	✓	✓	✓	✓	✓	TBA	✓	Alphabet – sound 10/16
Green												
Laura Ingalls	7 y 10 m	2 nd	✓	✓	✓	✓	✓	✓	✓	TBA	✓	Logical Links 10/18
Yellow												

Print

Exit

Add Child

Class Settings

Edit Child

Delete Child

Figure 5.8

Teacher

Enroll

- Class List
- Schedule Assessment
- Edit

Reports Transfer Specials

Selected Class: Ms. Frizzle of Washington Elementary

Selected Child(ren): All

Enroll - Class List

10/14/00

Child Color

Alison Wonderland Red

Boy Blue Blue

Dorothy Gale Green

Harry Potter Purple

Huckleberry Finn Red

James N. Giantpeach Green

Laura Ingalls Yellow

Mary Contrary Purple

Simon Simple Blue

Class Settings Dialog

Featured Book

1. The current Featured Book is *The Little Yellow Chicken*. It has been featured since 9/13/00.

Adjust the Featured Book Schedule

Alphabet

1. I believe children should learn letters names first.

2. I would like my students to be limited in their use of the alphabet song. They should only be allowed to play it as much as they want during one session.

Alphabetization of Names

1. Please list children alphabetically by first names

Assessment Status

Alphabet - letters in progress 10/15

Phonemic Code 10/15

Logical Links 10/21

Word Recognition 10/15

Phonemic Code in progress 10/16

Alphabet - sounds 10/18

Logical Links 10/18

Teacher Specified 10/15

Initial Assessment in progress

Double Click on a Child's name to edit transfer record.

Alison Wonderland

Boy Blue

Dorothy Gale

Harry Potter

Huckleberry Finn

James N. Giantpeach

Laura Ingalls

Mary Contrary

Simon Simple

Alison Wonderland

Boy Blue

Dorothy Gale

Harry Potter

Huckleberry Finn

James N. Giantpeach

Laura Ingalls

Mary Contrary

Simon Simple

Figure 5.11

Teacher

Enroll

- Class List
- Schedule
- Assessment
- Edit

- Stories
- Explore Words
- Alphabet

Reports

Transfer

Print

Exit

Selected Class: Ms. Frizzle of Washington Elementary

Selected Child(ren): Harry Potter

10/14/00

Enroll – Edit; Stories

Activity	Status	
Listen to Stories:	On for all books.	Edit Listen to Stories
Tell Stories:	On for all books after book has been completed 2 times.	Edit Tell Stories
Comprehension:	On for all books after book has been completed 2 times.	Edit Comprehension
Preview:	Optional. The Child will determine the focus.	Edit Preview

Figure 5.12

Figure 3.12

Teacher

Enroll

- Class List.
- Schedule
- Assessment
- Edit

Stories

Explor

e

Words

Alphabet

et

Reports

Transfer

Selected Class:

Ms. Frizzle of Washington Elementary ▾

Selected Child(ren):

Harry Potter ▾

10/14/00

Enroll – Edit; Stories

Edit Tell Stories Dialog

Tell Stories is:

On ▾

Off

after

Book/Chapter completed 2 times ▾

Always On

Book/Chapter completed 1 time

Book/Chapter completed 3 times

Book/Chapter completed 4 times

Book/Chapter completed 5 times

for

Some Stories ▾

All Stories

Some Stories

Print

THE

Figure 6.1

Teacher Flow Chart

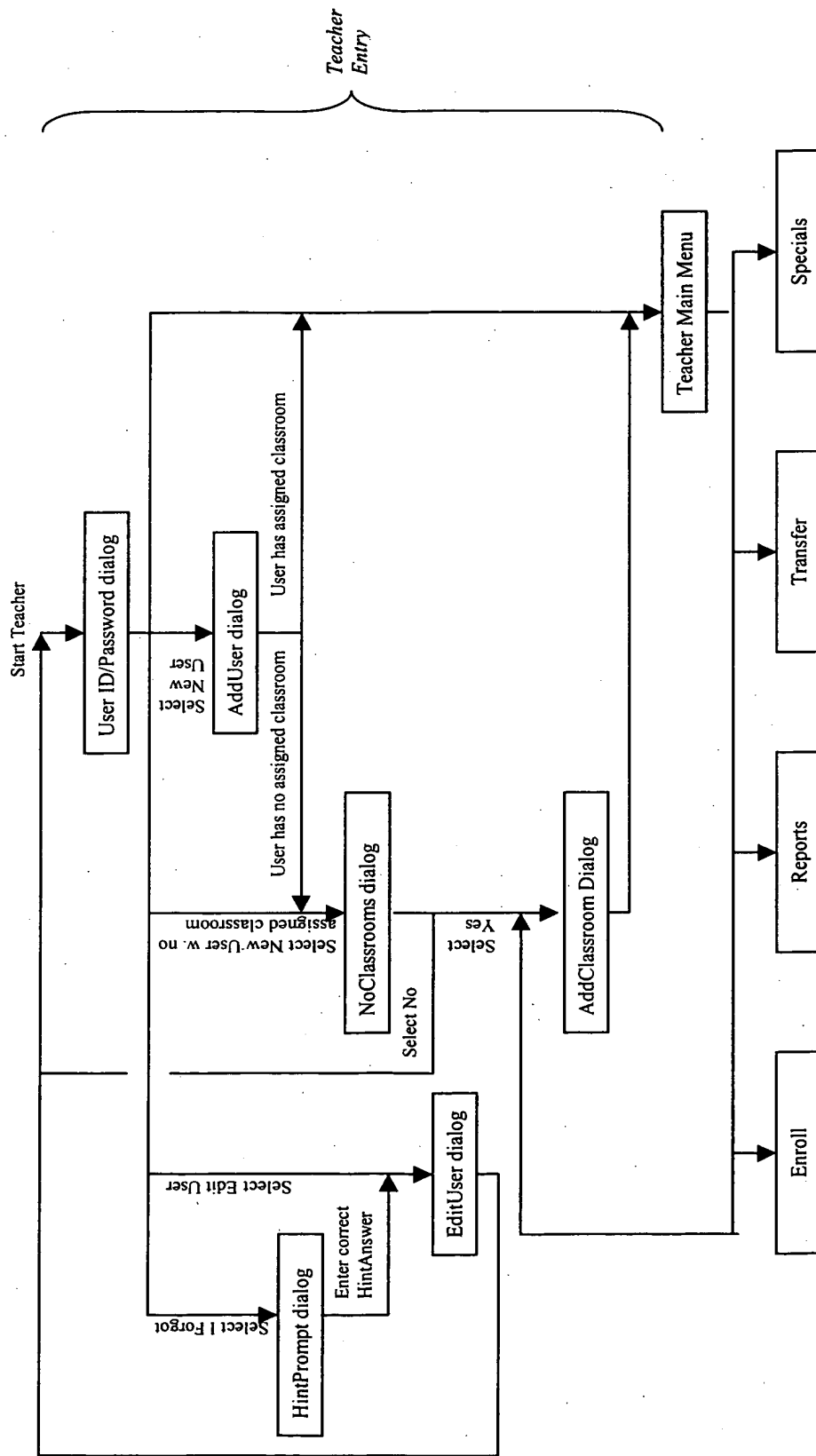


Figure 6.2

Teacher

Enroll
Reports
Transfer
Specials

Print
Exit

Selected Class: Ms. Frizzle of Washington Elementary ▾

Selected Child(reu): ▾

10/14/00

Teacher Main Menu

Please select an area of Teacher to work in:

Enroll allows you to add, view or edit children's records.

Reports allows you to view children's activity.

Transfer allows you to move children from one computer to another.

Specials allows you to do specific technical functions like Yearend and backing-up a database

To edit or create a new classroom, select the ▾ symbol in the Selected Class field above.

Figure 6.3

204060" 20506001

Key:

- ⇒ indicates roll over data available (disappears after cursor leaves spot)
- ≡ indicates a list is available
- ✓ indicates the table can be expanded to include more data
- △ indicates the table can be retracted to include less data

Teacher

Enroll

Reports

- Updates
- History
- Summary
- Parent Lett
- Stories
- Explore
- Words
- Alphabet
- Assessment

Transfer

Selected Class: Ms. Frizzle of Washington Elementary

Selected Child(ren): Harry Potter

10/14/00

Reports -- Updates

Click on an Update to address that update.

Child	Date	Update
Dorothy Gale	10/3/00	Suggested move in Explore Words Curriculum.
Dorothy Gale	10/10/00	Not Using Preview.
Harry Potter	10/6/00	Suggested move to Spelling Free Choice.

School Rep.

Date Range

Print

Exit

204020-25506001

Figure 6.5

Teacher		Selected Class: Ms. Frizzle of Washington Elementary ▾		Selected Child(ren): All ▾	
Enroll		10/14/00			
Reports		Reports – Stories: Group Summary			
• Updates		+ Book Totals			
• Summary					
• Parent Letter					
• Stories					
• Comprehension					
• Exploration Patterns		+ Listen, Tell and Comprehension Summary			
• Vocabulary					
• Explore Words					
• Alphabet					
• Assessment					
School Rep.					
Date Range					
Print					
Exit					

Figure 6.8

<h1 style="margin: 0;">Teacher</h1>		Selected Class: Ms. Frizzle of Washington Elementary ▾ Selected Child(ren): All ▾		10/14/00		
<h2 style="margin: 0;">Reports – Stories: Group Summary</h2>						
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 40%;"> <p>➤ Book Totals</p> <ul style="list-style-type: none"> • Updates • Summary • Parent Letter • Stories • Comprehensive • Exploration Patterns • Vocabulary • Explore Words • Alphabet </div> <div style="width: 55%; text-align: right;"> <p>Enroll</p> <p>Reports</p> </div> </div>						
<h3 style="margin: 0;">Story Activity Overview</h3>						
		Time	Explorations	Support Snapshot		
Support needed for success, averaged from: 9/15/00 – 10/14/00						
Child	Comprehension		Oral		Vocabulary	
	Oral Support	Oral-Print Support	Print Support	Oral Support	Oral-Print Support	Print Support
Allison Wonderland	12.5%	69%	10%	5%	75%	20%
Boy Blue	20%	40%	10%		No Data Available	
Dorothy Gale	63%	26%	4%	50%	40%	8%
Harry Potter	12.5%	69%	NA	10%	70%	15%
Huckleberry Finn	20%	40%	10%		No Data Available	
James N	63%	26%	4%		No Data Available	
Giantpeach						
Laura Ingalls	12.5%	69%	10%		No Data Available	
Mary Contrary	20%	40%	10%	10%	50%	30%
Child A	63%	26%	0%	40%	40%	0%
Child B	12.5%	69%	10%	10%	70%	15%
Child C	20%	40%	10%		No Data Available	
Child D	63%	26%	4%	10%	50%	0%

Figure 1. The 12 cases of the 1997-1998 season. The cases are numbered 1 through 12, corresponding to the order in which they were reported. The cases are grouped into three clusters: Cluster 1 (cases 1-4), Cluster 2 (cases 5-8), and Cluster 3 (cases 9-12). The cases are also grouped into three groups: Group 1 (cases 1-4), Group 2 (cases 5-8), and Group 3 (cases 9-12). The cases are also grouped into three groups: Group 1 (cases 1-4), Group 2 (cases 5-8), and Group 3 (cases 9-12).

Compute Class Averages

Figure 6.12

Teacher	Enroll	Reports	Time	Selected Class:	Selected Child(ren):
		<ul style="list-style-type: none"> • Updates • Summary • Parent Letters • Stories • Comprehension • Exploration Patterns • Vocabulary • Explore Words • Alphabet • Assessment 	Total Time in All Activities: 10:45 Total Comprehension Time: 0:30 Percent of Time in Comprehension: 5%	Ms. Frizzle of Washington Elementary ▾	Harry Potter ▾
					10/14/00

Compute Class Averages

Reports – Stories: Comprehension

Comprehension Levels	Level of Difficulty	Question Type
S		

Number of Unique Books Used/Available for Comprehension: 5/8

Category	Number of Questions	Explorations				Level of Support			
		Question	Answer	Hint	Oral	Oral - Print	Print		
Total	80	210	20	100	90	6%	62%	39%	
Biographies ≡	36	166	10	144	12	15%	60%	15%	
Folktales ≡	14	18	3	10	5	5%	75%	20%	
Friendships ≡	40	245	20	200	25	15%	80%	0%	
Science ≡	10	75	5	50	20	40%	50%	NA	

[More Comprehension Details](#)

Figure 6.14

Teacher

Enroll

Reports

- Updates
- Summary
- Parent Letter
- Stories
- Comprehension
- Exploration Patterns
- Vocabulary
- Explore Words
- Alphabet
- Assessment

Selected Class: Ms. Frizzle of Washington Elementary

Selected Child(ren): Harry Potter

10/14/00

Compute Class Averages

Reports – Stories: Comprehension

Time

Total Time in All Activities: 10:45 ⇄

Total Comprehension Time: 0:30 ⇄

Percent of Time in Comprehension: 5% ⇄

Comprehension Levels

Categories

Level of Difficulty

Question Type

Number of Unique Books Used/Available Comprehension: 5/8

Level of Difficulty	Number of Questions	Explorations			Level of Support			
		Total	Question	Answer	Hint	Oral	Oral – Print	Print
Total	80 ⇄	210 ⇄	20 ⇄	100 ⇄	90 ⇄	6% ⇄	62% ⇄	39% ⇄
Level 9 ⇄	14	18	3	10	5	5%	75%	20%
Level 12 ⇄	36	166	10	144	12	15%	60%	15%
Level 13 ⇄	40	245	20	200	25	15%	80%	0%
Level 16 ⇄	10	75	5	50	20	40%	50%	0%

More Comprehension Details

School Rep.

Date Range

Print

Exit

Figure 6.15

Teacher Enroll Reports <ul style="list-style-type: none"> • Updates • Summary • Parent Letter • Stories • Comprehension • Exploration Patterns • Vocabulary • Explore Words • Alphabet • Assessment 	Selected Class: Ms. Frizzle of Washington Elementary ▾	Selected Child(ren): Harry Potter ▾	10/14/00
--	---	--	-----------------

Compute Class Averages

Reports – Stories: Comprehension

Time	Total Time in All Activities: 10:45	Total Comprehension Time: 0:30	Percent of Time in Comprehension: 5%
-------------	---	--	--

Comprehension Levels

Categories

Level of Difficulty

Level of Difficulty

Question Type

Question Type

Number of Unique Books Used/Available Comprehension: 5/8

Question Type ▾	Number of Questions	Explorations			Level of Support			
		Question	Answer	Hint	Oral	Oral – Print	Print	
Total	80	210	20	100	90	6%	62%	39%
Inferential	30	150	15	75	60	14%	69%	17%
Factual	50	60	5	25	30	NA	55%	61%

School Rep.
Date Range
Print
Exit

+ More Comprehension Details

Figure 6.16

Teacher

Enroll

Reports

- Updates
- Summary
- Parent Letter
- Stories
- Comprehension
- Exploration Patterns
- Vocabulary
- Explore Words
- Alphabet
- Assessment

Selected Class: Ms. Frizzle of Washington Elementary ▾

Selected Child(ren): Harry Potter ▾

10/14/00

Compute Class Averages

Time

Total Time in All Activities: 10:45

Total Story Time: 5:30

Percent of Time in Stories: 51%

Book Exploration

All

By Categories

By Levels

Listen Explorations

Tell Explorations

Finished = : 26

Started = : 14

Totals: 40

Total

26

2

22

Word and Preview Exploration

Word Exploration

Preview Exploration

School Rep.

Date Range

Print

Exit

Book	Times		Explorations for Listen & Tell				Preview Explorations				
	Finished	Started	Total	Page	Sent	Word	Rec/Pib	Total	Whole	Part	Rec/Pib
Average	3	5	250	22	70	100	45	50	8	22	8
The Day Martin Luther King Jr. Died	3	4	550	50	150	200	150	140	40	60	40
Dinosaur Detectives	3	7	900	100	300	200	300	0	0	0	0

Figure 6.17

Teacher Enroll Reports <ul style="list-style-type: none"> • Updates • Summary • Parent Letter • Stories • Comprehension • Exploration Patterns • Vocabulary • Explore Words • Alphabet • Assessment 	Selected Class: Ms. Frizzle of Washington Elementary Selected Child(ren): Harry Potter <div style="text-align: center; border: 1px solid black; width: fit-content; margin: 0 auto; padding: 5px;">Compute Class Averages</div> <div style="text-align: right;">10/14/00</div>	<div style="text-align: center; border: 1px solid black; padding: 10px; margin-bottom: 10px;"> Reports – Stories: Exploration Patterns </div> <div style="display: flex; justify-content: space-between;"> <div> Time Total Time in All Activities: 10:45 ⇌ </div> <div> Total Story Time: 5:30 ⇌ </div> <div> Percent of Time in Stories: 51% ⇌ </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Book Exploration <div style="border: 1px solid black; padding: 2px; text-align: center; margin-bottom: 5px;">All</div> </div> <div style="width: 45%;"> By Categories <div style="border: 1px solid black; padding: 2px; text-align: center; margin-bottom: 5px;">By Levels</div> </div> </div>																																
<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> Listen Explorations <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Fiction</th> <th>Non-Fiction</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Finished =:</td> <td>12</td> <td>14</td> <td>26</td> </tr> <tr> <td>Started =:</td> <td>10</td> <td>4</td> <td>14</td> </tr> <tr> <td>Totals:</td> <td>22</td> <td>28</td> <td>40</td> </tr> </tbody> </table> </div> <div style="width: 45%;"> Tell Explorations <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Fiction</th> <th>Non-Fiction</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td></td> <td>12</td> <td>8</td> <td>20</td> </tr> <tr> <td></td> <td>0</td> <td>2</td> <td>2</td> </tr> <tr> <td></td> <td>12</td> <td>10</td> <td>22</td> </tr> </tbody> </table> </div> </div>				Fiction	Non-Fiction	Total	Finished =:	12	14	26	Started =:	10	4	14	Totals:	22	28	40		Fiction	Non-Fiction	Total		12	8	20		0	2	2		12	10	22
	Fiction	Non-Fiction	Total																															
Finished =:	12	14	26																															
Started =:	10	4	14																															
Totals:	22	28	40																															
	Fiction	Non-Fiction	Total																															
	12	8	20																															
	0	2	2																															
	12	10	22																															
<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> Word and Preview Exploration <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Word Exploration</div> </div> <div style="width: 45%;"> Preview Exploration <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Preview Exploration</div> </div> </div>																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Book</th> <th>Category</th> <th>Times Book was Finished Listen</th> <th>Tell</th> <th>Number of Explorations Listen</th> <th>Tell</th> </tr> </thead> <tbody> <tr> <td>The Day Martin Luther King Jr. Died</td> <td>Making History (F)</td> <td>3</td> <td>0</td> <td>400</td> <td>0</td> </tr> <tr> <td>Dinosaur Detectives</td> <td>Science (NF)</td> <td>2</td> <td>1</td> <td>400</td> <td>200</td> </tr> <tr> <td>A Game for Jamie</td> <td>Friendships (F)</td> <td>2</td> <td>0</td> <td>80</td> <td>0</td> </tr> </tbody> </table>			Book	Category	Times Book was Finished Listen	Tell	Number of Explorations Listen	Tell	The Day Martin Luther King Jr. Died	Making History (F)	3	0	400	0	Dinosaur Detectives	Science (NF)	2	1	400	200	A Game for Jamie	Friendships (F)	2	0	80	0								
Book	Category	Times Book was Finished Listen	Tell	Number of Explorations Listen	Tell																													
The Day Martin Luther King Jr. Died	Making History (F)	3	0	400	0																													
Dinosaur Detectives	Science (NF)	2	1	400	200																													
A Game for Jamie	Friendships (F)	2	0	80	0																													
<div style="display: flex; justify-content: space-around;"> <div style="width: 30%; border: 1px solid black; padding: 5px; text-align: center;">School Rep.</div> <div style="width: 30%; border: 1px solid black; padding: 5px; text-align: center;">Date Range</div> <div style="width: 30%; border: 1px solid black; padding: 5px; text-align: center;">Print</div> <div style="width: 30%; border: 1px solid black; padding: 5px; text-align: center;">Exit</div> </div>																																		

Figure 6.19

Teacher	Selected Class:	Ms. Frizzle of Washington Elementary ▾	Selected Child(ren):	Harry Potter ▾														
				10/14/00														
Enroll																		
Reports	Compute Class Averages																	
• Updates																		
• Summary																		
• Parent Letter																		
• Stories	Total Time in All Activities:	10:45	Total Story Time:	5:30														
• Comprehensive			Percent of Time in Stories:	51%														
• Exploration Patterns	+ Book Exploration																	
• Vocabulary																		
• Explore Words																		
• Alphabet																		
• Assessment																		
Word and Preview Exploration																		
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Word Exploration</div> <div style="border: 1px solid black; padding: 5px; width: 30%;">Preview Exploration</div> <div style="border: 1px solid black; padding: 5px; width: 30%;">Exploration</div> </div>																		
Book																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Times Finished</th> <th>Total</th> <th>Sentence</th> <th>Syllables</th> <th>Onset Rime</th> <th>Sounds</th> <th>High Frequency</th> </tr> </thead> <tbody> <tr> <td>42</td> <td>170</td> <td>75</td> <td>70</td> <td>50</td> <td>21</td> <td>55</td> </tr> </tbody> </table>					Times Finished	Total	Sentence	Syllables	Onset Rime	Sounds	High Frequency	42	170	75	70	50	21	55
Times Finished	Total	Sentence	Syllables	Onset Rime	Sounds	High Frequency												
42	170	75	70	50	21	55												

Figure 6.20

Teacher

Enroll

Reports

- Updates
- Summary
- Parent Letter
- Stories
- Comprehension
- Exploration Patterns
- Vocabulary
- Explore Words
- Alphabet
- Assessme

Selected Class: Ms. Frizzle of Washington Elementary ▼

Selected Child(ren): Harry Potter ▼

10/14/00

Print

These are your Current Settings:

Current Child(ren): Change Child(ren)

Current Date Range: 01/1/00 - 10/14/00 Change Date Range

Stories: 51%

Which of the following Reports do you want to Print?

☐ All of the Exploration Patterns Reports

☐ Exploration Pattern Time

Book Exploration

☐ All Table

☐ Category Table

☐ Level Table

Word and Preview Exploration

☐ Word Exploration Table

☐ Word Exploration More

☐ Preview Exploration Table

☐ Preview Exploration More

Cancel Done

Time

Total Time in All

+ Book Exploration

Word and Preview

Book

Average

The Day Martin Luther King Jr. Died

Dinosaur Detectives

46

3

3

170

100

-

25

-

-

20

20

-

50

30

-

21

-

-

55

50

-

School Rep.

Date Range

Print

Exit

Figure 7.1

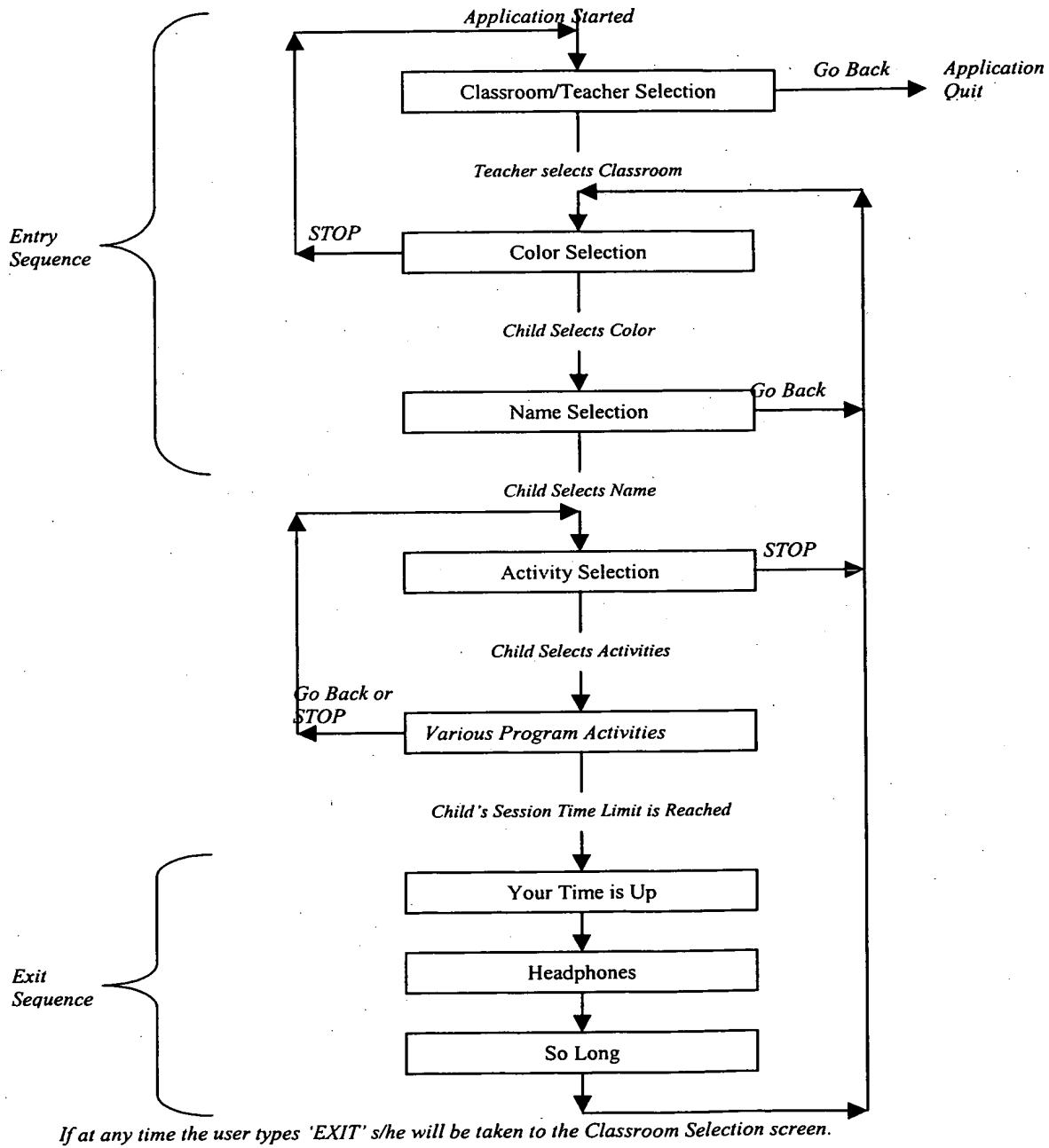
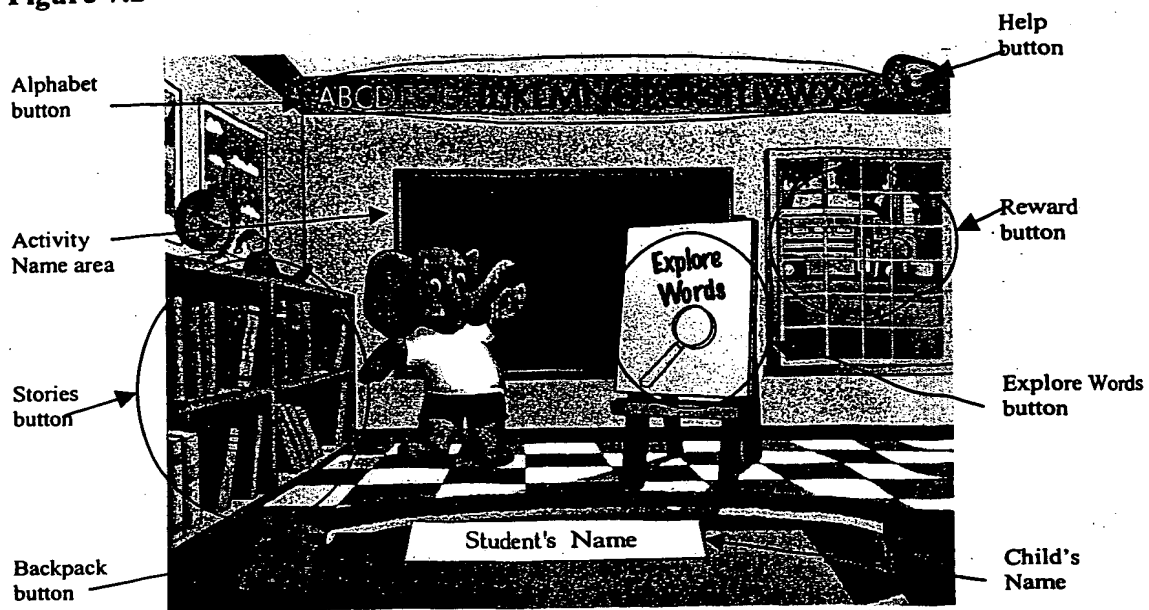


Figure 7.2



204050-25505001

Figure 8.1.1

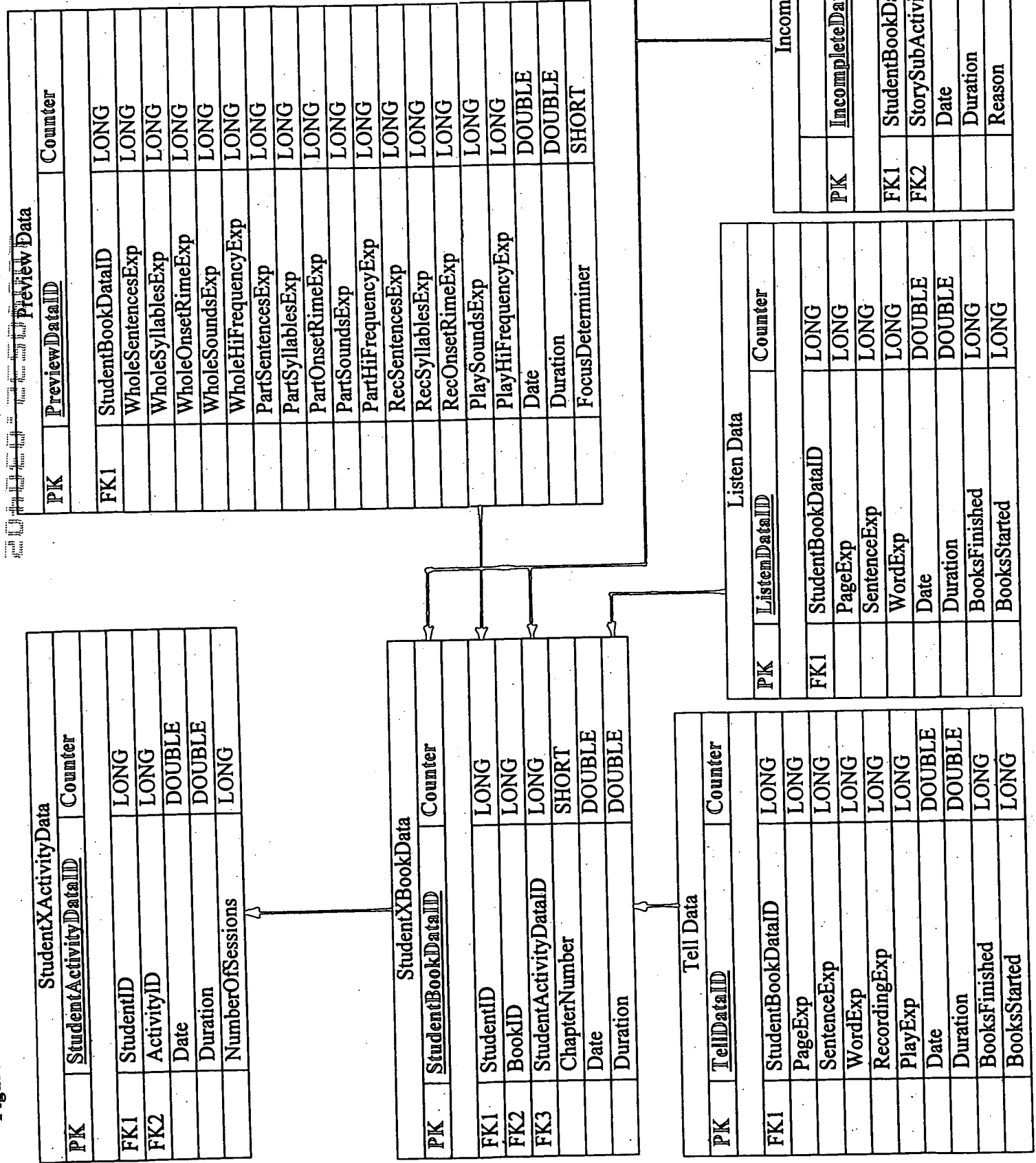


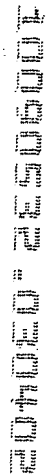
Figure 8.1.2

Comprehension Data		
PK	<u>ComprehensionDataID</u>	Counter
FK1	StudentBookDataID	LONG
	Cycle	LONG
	BeginAVL	SHORT
	EndAVL	SHORT
	QuestionExp	LONG
	AnswerExp	LONG
	HintExp	LONG
	Date	DOUBLE
	Duration	DOUBLE
	Response Time	DOUBLE
	IsCorrect	BIT
	InCompletedTask	BIT
	QuestionNumber	SHORT
	QuestionType	SHORT

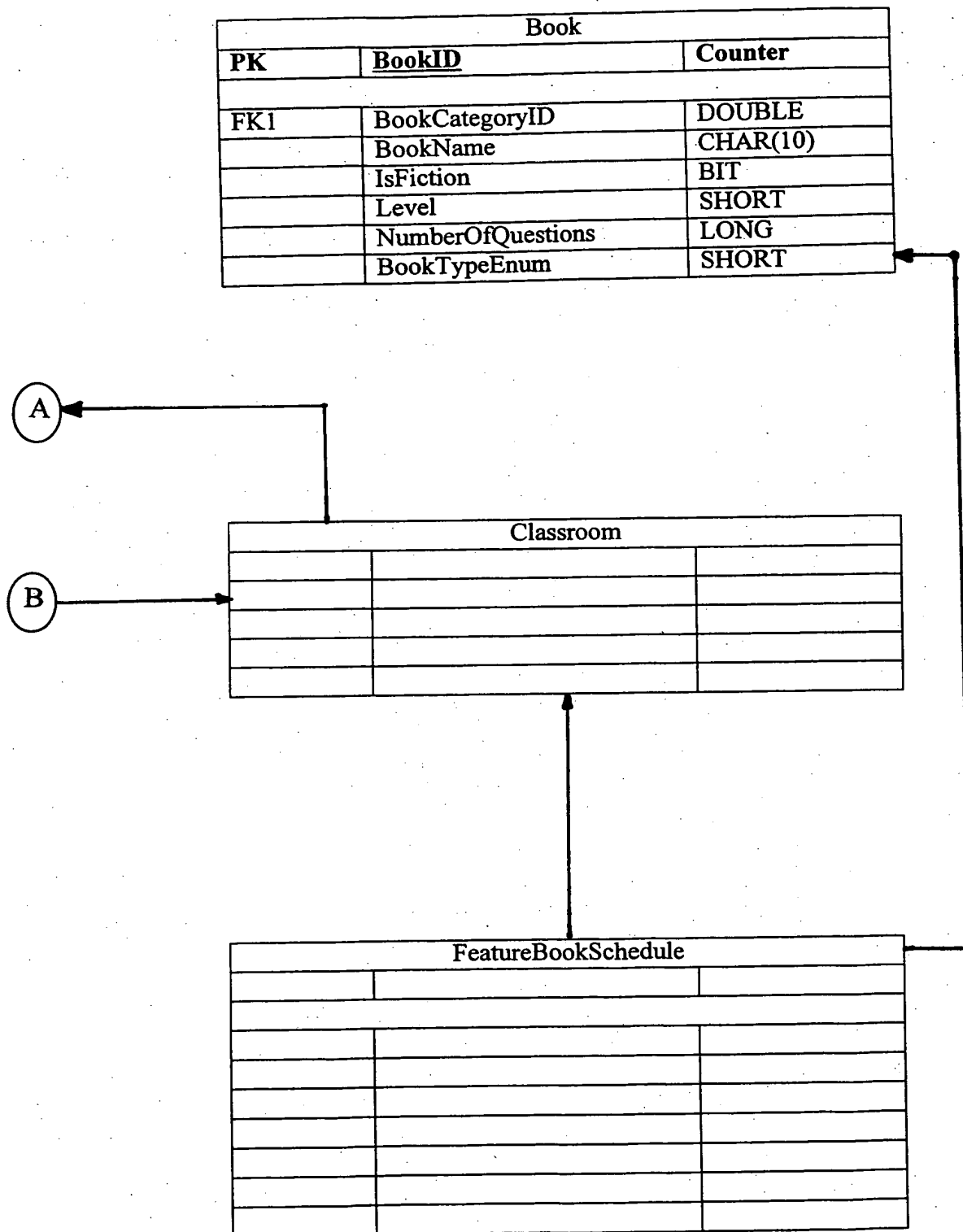
A

StudentStateData		
PK FK1	<u>StudentID</u>	LONG
PK FK2	<u>BookID</u>	LONG
PK	<u>ChapterNumber</u>	SHORT
	BeginAVL	SHORT
	TaskAVL	SHORT
	ListenBookmark	SHORT
	TellBookmark	SHORT
		SHORT
		SHORT
	TrialCounter	SHORT
	LastTrial	SHORT
	TrialAVL1	SHORT
	TrialAVL2	SHORT
	TrialAVL3	SHORT
	TrialAVL4	SHORT
	IsBookStartedListen	BIT
	IsBookStartedTell	BIT
	Cycle	LONG
	TimesCompleted	LONG

REPORT



項目	金額	項目	金額
1. 現金	1,234,567	10. 繰上金	1,234,567
2. 当座預金	1,234,567	11. 繰下金	1,234,567
3. 定期預金	1,234,567	12. 繰上金	1,234,567
4. 有価証券	1,234,567	13. 繰下金	1,234,567
5. 貸倒引当金	1,234,567	14. 繰上金	1,234,567
6. 貸倒引当金	1,234,567	15. 繰下金	1,234,567
7. 貸倒引当金	1,234,567	16. 繰上金	1,234,567
8. 貸倒引当金	1,234,567	17. 繰下金	1,234,567
9. 繰上金	1,234,567	18. 繰上金	1,234,567
		19. 繰下金	1,234,567
		20. 繰上金	1,234,567
		21. 繰下金	1,234,567
		22. 繰上金	1,234,567
		23. 繰下金	1,234,567
		24. 繰上金	1,234,567
		25. 繰下金	1,234,567
		26. 繰上金	1,234,567
		27. 繰下金	1,234,567
		28. 繰上金	1,234,567
		29. 繰下金	1,234,567
		30. 繰上金	1,234,567
		31. 繰下金	1,234,567
		32. 繰上金	1,234,567
		33. 繰下金	1,234,567
		34. 繰上金	1,234,567
		35. 繰下金	1,234,567
		36. 繰上金	1,234,567
		37. 繰下金	1,234,567
		38. 繰上金	1,234,567
		39. 繰下金	1,234,567
		40. 繰上金	1,234,567
		41. 繰下金	1,234,567
		42. 繰上金	1,234,567
		43. 繰下金	1,234,567
		44. 繰上金	1,234,567
		45. 繰下金	1,234,567
		46. 繰上金	1,234,567
		47. 繰下金	1,234,567
		48. 繰上金	1,234,567
		49. 繰下金	1,234,567
		50. 繰上金	1,234,567
		51. 繰下金	1,234,567
		52. 繰上金	1,234,567
		53. 繰下金	1,234,567
		54. 繰上金	1,234,567
		55. 繰下金	1,234,567
		56. 繰上金	1,234,567
		57. 繰下金	1,234,567
		58. 繰上金	1,234,567
		59. 繰下金	1,234,567
		60. 繰上金	1,234,567
		61. 繰下金	1,234,567
		62. 繰上金	1,234,567
		63. 繰下金	1,234,567
		64. 繰上金	1,234,567
		65. 繰下金	1,234,567
		66. 繰上金	1,234,567
		67. 繰下金	1,234,567
		68. 繰上金	1,234,567
		69. 繰下金	1,234,567
		70. 繰上金	1,234,567
		71. 繰下金	1,234,567
		72. 繰上金	1,234,567
		73. 繰下金	1,234,567
		74. 繰上金	1,234,567
		75. 繰下金	1,234,567
		76. 繰上金	1,234,567
		77. 繰下金	1,234,567
		78. 繰上金	1,234,567
		79. 繰下金	1,234,567
		80. 繰上金	1,234,567
		81. 繰下金	1,234,567
		82. 繰上金	1,234,567
		83. 繰下金	1,234,567
		84. 繰上金	1,234,567
		85. 繰下金	1,234,567
		86. 繰上金	1,234,567
		87. 繰下金	1,234,567
		88. 繰上金	1,234,567
		89. 繰下金	1,234,567
		90. 繰上金	1,234,567
		91. 繰下金	1,234,567
		92. 繰上金	1,234,567
		93. 繰下金	1,234,567
		94. 繰上金	1,234,567
		95. 繰下金	1,234,567



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Figure 8.3.1

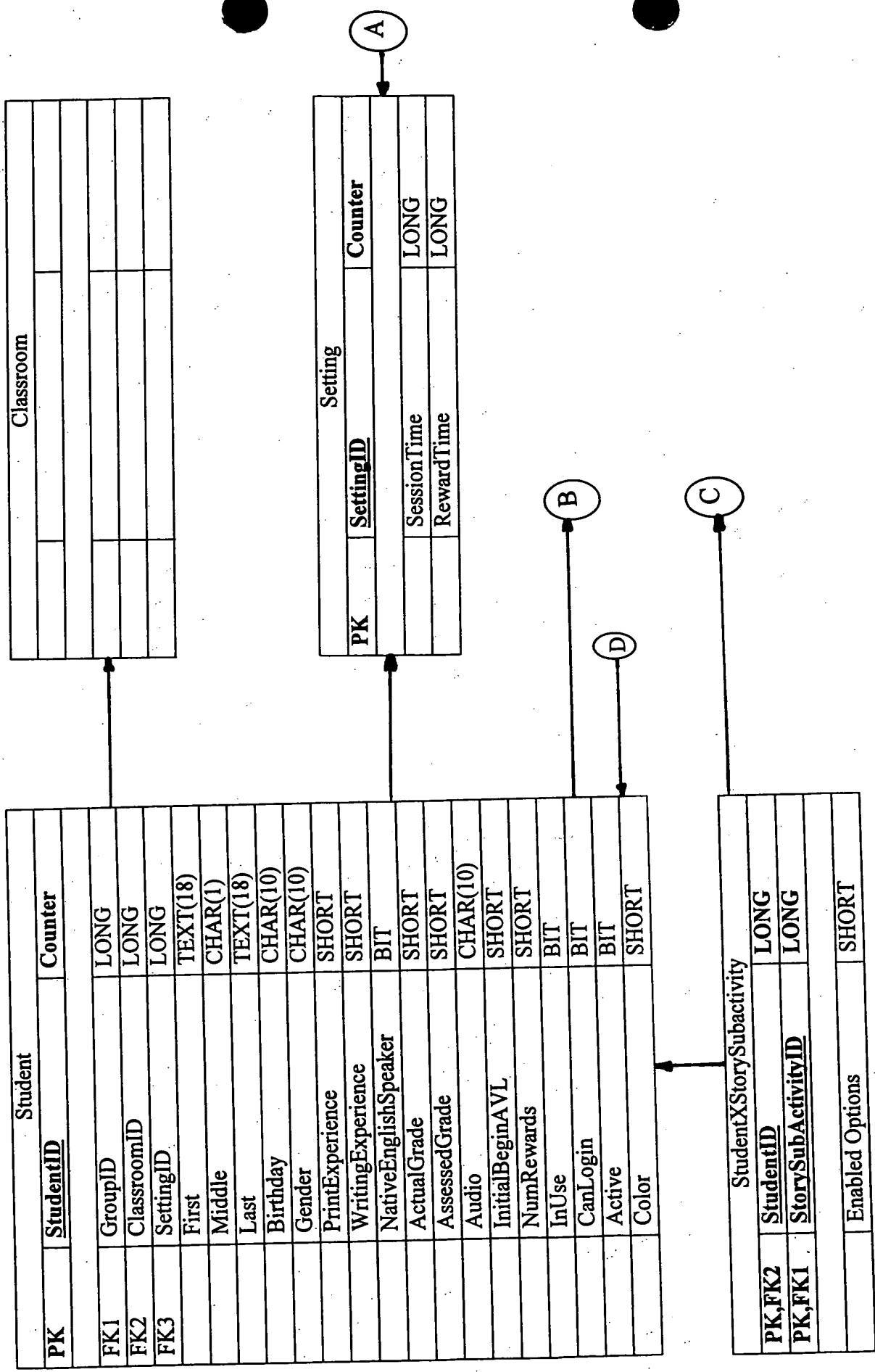
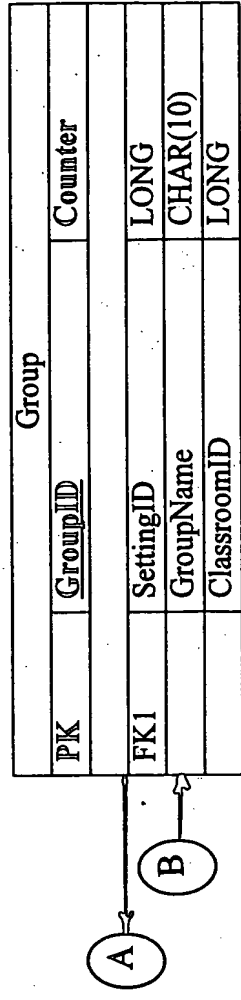


Figure 8.3.2



GroupXActivity			
PK,FK2	GroupID		LONG
PK,FK1	ActivityID		LONG
Enabled Options			
SHORT			

StudentXActivity			
PK,FK2	StudentID		LONG
PK,FK1	ActivityID		LONG
EnabledOptions			
SHORT			

GroupXStorySubactivity			
PK,FK1	GroupID		LONG
PK,FK2	StorySubActivityID		LONG
EnabledOptions			
SHORT			

Activity		
PK	ActivityID	Counter
ActivityName		
TEXT(18)		

StorySubActivity			
PK	StorySubActivityID		Counter
FK1			
ActivityID			
LONG			
StorySubActivityName			
CHAR(10)			

Figure 8.4.1

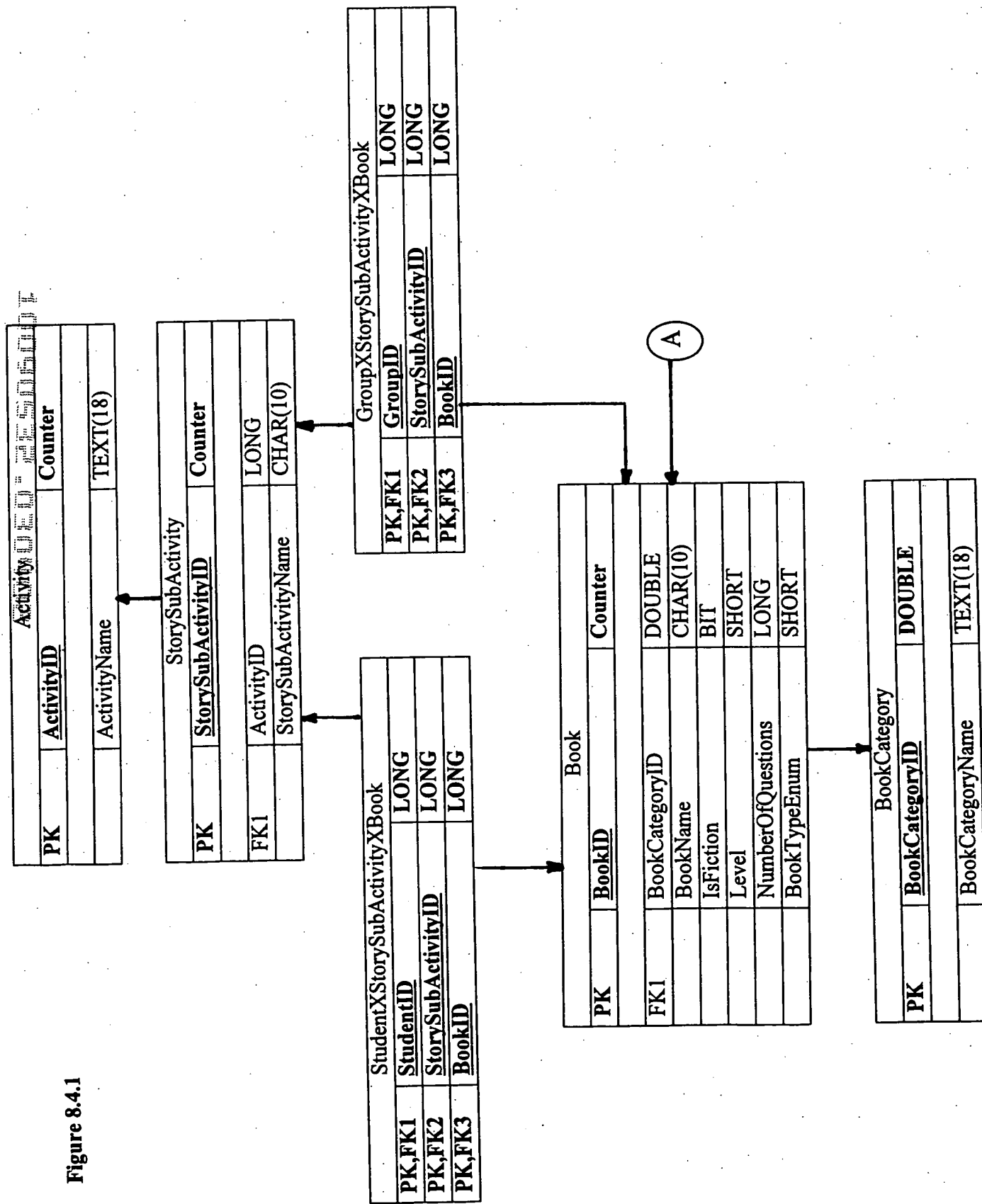


Figure 8.4.2

Comprehension Data		
PK	<u>ComprehensionData</u>	Counter
FK1	StudentBookDataID	LONG
	Cycle	LONG
	BeginAVL	SHORT
	EndAVL	SHORT
	QuestionExp	LONG
	AnswerExp	LONG
	HintExp	LONG
	Date	DOUBLE
	Duration	DOUBLE
	ResponseTime	DOUBLE
	IsCorrect	BIT
	InCompletedTask	BIT
	QuestionNumber	SHORT
	QuestionType	SHORT

StudentXBookData		
PK	<u>StudentBookDataID</u>	Counter
FK1	StudentID	LONG
FK2	BookID	LONG
FK3	StudentActivityDataID	LONG
	ChapterNumber	SHORT
	Date	DOUBLE
	Duration	DOUBLE

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